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GLOSSARY

OF AWS ACRINABS*

**Acronyms, Initialisms, and Abbreviations
Commonly Used in Air Weather Service*

GEORGE M. HORN, Editor

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GLOSSARY OF AWS ACRINABS*

***Acronyms, Initialisms, and Abbreviations Commonly Used In Air Weather Service**

PREFACE

This guidebook to the many and various "acrinabs" used in the Air Weather Service (AWS) was first published, very informally, as "A USAFETAC Guide to Alphabet Soup." When the demand for copies suggested much wider distribution, it was reissued in August 1989--again as an informal, unnumbered pamphlet. Since then, AWS and the other government agencies with whom AWS does business have continued to create "acrinabs" almost as fast as it was possible to collect them and include them in a new version--this time published as a technical note so as to share the collection with the rest of the scientific/technical community.

The acrinabs in this listing have been picked from actual documentation. Most are from technical reports and technical journals. Others are from DoD, USAF, and AWS directives. Some were collected from other glossaries. The editor cannot guarantee that these listings represent "official" usage in all cases, but care has been taken to enter each item as it was presented in the source. Note that the glossary is intended for use as a "decoding" aid-- it should not be used as an authoritative source for use in official documents.

Although some expressions that are more operational than technical may be included here, they are few. Contractions (ACFT, CLR, CIG, etc.) have been avoided for several reasons. For one, their meanings are relatively easy to infer. For another, they proliferate much more slowly. Finally, they are covered very well elsewhere.

This list is still far from comprehensive. Readers are urged to continue sending additions and corrections to the attention of the USAFETAC Technical Publications Editor, USAFETAC/LDE, Scott AFB, IL 62225-5458, DSN 576-6648.

The editor wishes to thank the following ladies, each of whom made a significant contribution to publication of this collection: TSgt Penny Clavell, Mrs Shirley Claxton, Sgt Shaun Porta, and Sgt Corinne Gage.

GLOSSARY OF AWS ACRINABs

INTRODUCTION

I predict that on December 3, 1989 government and industry will grind to a halt. On that date we will have used every permutation of the 26-letter alphabet for every possible acronym for every possible purpose. At that point Congress will legislate the addition of several new letters so that government and industry can continue.

--Frank Romano
Editor/Publisher, Typeworld

For some very good reasons (as well as for some very bad ones), the practice of combining bits and pieces of compound terms to form shorter ones has been common practice for more than 50 years. But thanks to exponential proliferation, today's readers have every reason to feel as if they have been cast adrift on a vast sea of alphabet soup, and Mr Romano's forecast may only have erred in the timing. To illustrate, the first edition of the Gale Research Company's *Dictionary of Acronyms, Initialisms, and Abbreviations* was published in 1960 and contained some 12,000 entries. In the ninth edition for 1985-86, the Gale list had grown to 300,000, plus what was later added to two supplements. The explosive growth of what Gale Research calls "abbreviomania" may soon put them (and us) in the unfortunate position of seeing acronyms, initialisms, and abbreviations created faster than they can be collected and published.

The idea of shortening word compounds (especially in technical writing) is a good one if practiced in moderation. The shortened forms of which we speak save time and money and can, in fact, increase the possibility for comprehension. Imagine a world, for example, in which we were forced to say or write "light amplification by stimulated emission of radiation" for *laser*, or "radio detection and ranging" for *radar*. There is no rule, however, that requires us to create such short forms every time we note that certain words seem to go well together.

In view of what has become a national (indeed, an international) trend, there is little one can do except hope that future "abbreviomaniacs" have the grace to exercise restraint and observe at least the following simple rules.

Shun the usage to shorten a word compound solely because you've used it twice in the same paragraph. And don't even think about shortening a term you'll only use once.

Avoid "back formation," or the practice of creating the acronym first, then supplying the words required to make it come out right. Some suspicious examples are "TREE" (transient radiation effects in electronics), "DISCUS" (Distributed Source Conducting Medium Underground-System Simulator), "BLAST" (Building Loads Analysis and System Thermodynamics), and "GRASP" (Generalized Retrieval and Storage Program).

Before coining a new short form, take the trouble to check on how many have been there before you. There are at this writing at least 49 different meanings for "DCA." Don't assume that "just one more wouldn't hurt."

When you *do* coin a new short form, you should at least assume responsibility for it. Explain what it means (at first use) in every document. Never assume that your creation (unlike *laser* and *radar*) needs no explanation. In longer documents, consider attaching an alphabetical list of all acronyms, initialisms, and abbreviations used.

Understand the mechanics of your creation. There are subtle shades of meaning used in describing the three basic types of compound-shortening under discussion here:

An **acronym** is composed of the initial letters (or parts) of a compound term and is usually read or spoken as a single word. Examples are RADAR, LASER, and LANTIRN. Note that many such coinings, after falling into common usage, gradually lose their capitalization and become legitimate words; examples are *radar* and *laser*.

An **initialism** is composed of the initial letters of a compound term, but is verbalized letter by letter, rather than as a single word. Examples are AWS, ADPE, AFCRL, and ARQ.

An **abbreviation** (or contraction) is the shortened form of a word or words that do not follow the formation of either of the above. Although shortened, they are usually verbalized as the original word. Examples: APRT, FCST, INTL, BKN.

In the spirit of Alice in Wonderland ("When I use a word, it means just what I choose it to mean--neither more or less"), the computer community has chosen to refer to all the foregoing as *mnemonics*. It's probably too late to point out that such usage stretches the literal meaning of the word past breaking, but mnemonics are *memory aids* such as those we've all made up in school to help us remember long strings of elements, mathematical expressions, and so forth. An example of a real mnemonic is "HOMES," one way of remembering that the Great Lakes are named Huron, Ontario, Michigan, Erie, and Superior.

A	angstrom	ACL	allowable cabin load
A ² C ²	Army airspace command and control	ACL	allowable cargo load
A ² P ²	AWS Annual Programming Plan	ACM	advanced cruise missile
AA	antiaircraft	ACM	AFGWC Configuration Management
AA	assembly area	ACM	air-launched cruise missile
AAA	antiaircraft artillery	ACM	Association for Computing Machinery
AABNCP	Advanced Airborne Command Post	ACMI	Air Combat Maneuvering Instrumentation
AAC	Alaskan Air Command	ACOMMW	Aerospace Communications Wing
AACG	Arrival Airfield Control Group	ACP	Allied Communications Publication
AAD	advanced academic degree	ACPL	Atmospheric Cloud Physics Laboratory
AADCP	Army Air Defense Command Post	ACR	armored cavalry regiment
AA&E	Arms, Ammunition and Explosives	ACRA	Airlift Concepts and Requirements Agency
AAFA	Army Aviation Flight Activity	ACRIM	active cavity radiometer irradiance monitor
AAFCE	Allied Air Forces Central Europe	ACSAT	active component support for annual training
AAFIF	Automated Air Facilities Information File	ACSN	Advance Change Study Notice
AAG	Aeromedical Airlift Group	ACSQ	Airborne Communications Squadron
AAH	advanced attack helicopter	ACT	air cargo terminal
AAM	air-to-air missile	ACU	Aquisition Control Unit (SAMS)
AAMFL	Harry G. Armstrong Aerospace Medical Research Laboratory	ACV	air cushion vehicle
AANII	Arctic and Antarctic Scientific Research Institute	A..VAL	AIRCRAFT (database) validation
AAODL	Atmospheric Aerosols and Optics Data Library	AD	accessioned document (DTIC)
AAOF	Army Aviation Operation Facility	AD	airdrop
AAR	after-action report	AD	Armament Division (now MSD) (AFSC)
AAR	air-to-air refueling	AD	armored division
AARC	auroral atmospheric radiance code	A/D	analog-to-digital
AARS	Automated Aircraft Reporting System	ADA	Air Defense Area
AASF	Army Aviation Support Facility	ADA	air defense aircraft
AASLT	air assault	ADA	air defense artillery
AATCU	Army Air Traffic Control Unit	ADACG	arrival/departure airfield control group
AAV	asymmetric absolute vorticity	ADACS	attitude determination and control subsystem
AAVS	Aerospace Audiovisual Service	ADAM	Air Force Dispersion Assessment Model
AAW	Aeromedical Airlift Wing	ADAM	automatic data-acquisition module
AAW	antiair warfare	ADAM III	Aerial Port Documentation and Management System
AB	aviation brigade	ADANSA	Airlift Deployment and Analysis System
ABCCC	Airborne Battlefield Command and Control Center	ADAP	Airport Development Aid Program
ABE	A Better Environment	ADAS	AWOS/ASOS Data Acquisition System (NWS)
ABFM	Airborne Field Mill	ADATS	Anti-Tank Air Defense System (Army)
ABM	antiballistic missile	ADC	air data computer
ABMA	Army Ballistic Missile Agency	ADCOM	Aerospace Defense Command
ABMOC	Air Battle Management Operations Center	ADDS	Army Data Distribution System
ABT	AFOS backup terminal (NWS)	ADDS	Atmospheric Distributed Data System
AC	acoustic coupler	ADE	array drive electronics
AC	aircraft commander	ADF	automatic direction finder
Ac	altocumulus	ADFS	Automated Digital Facsimile System
ac	alternating current	ADI	Air Defense Initiative
ACA	Airlift Clearance Authority	ADI	attitude/direction Indicator
ACACS	Army Command and Area Communications System	ADI	automatic direction indicator
ACAR	ARINC communications addressing and reporting system	ADIZ	Air Defense Identification Zone
ACAS	Air Carrier Analysis System	ADLS	Automated Lightning Detection System
ACC	Air Component Commander	ADP	advanced development program
ACC	Airspace Coordination Center	ADP	automated data processing
ACC	Airlift Coordination Center	ACPE	automated data processing equipment
ACCS	Airborne Command and Control System	ADPR	automated data processing resources
ACCS	Army Command and Control systems	ADS	aerial delivery system
ACD	Airlift Communications Division	ADS	Atmospheric Density Specification
ACE	Airspace Control Element	ADSB	aerial delivery support branch
ACE	Allied Command Europe	ADS	automated data system
ACE	American Council on Education	ADTAC	Air Defense Tactical Air Command
ACE	Australian Climatological Experiment	ADVON	advanced echelon
ACF/VTAM	IBM communications software	ADWEP	Automated Digital Weather Editing Program
ACFP	advanced computer flight plan	ADWS	Automatic Digital Weather Switch
ACL	airspace control line	AE	aeromedical evacuation

A

AECA.....Arms Export Control Act (1976) as amended	AFRPL.....Air Force Rocket Propulsion Laboratory (see AFAL)
AECC.....Aeromedical Evacuation Control Center	AFRes.....Air Force Reserve
AEDC.....Arnold Engineering Development Center	AFSAT.....Air Force satellite
AEDS.....Atomic Energy Detection System	AFSATCOM Air Force Satellite Communications
AEG.....Aeromedical Evacuation Group	AFSC.....Air Force specialty code
AEH.....atmospheric electricity hazard	AFSC.....Air Force Systems Command
AEHP.....Atmospheric Electricity Hazards Protection (program)	AFSC.....Armed Forces Staff College
AEPS.....Automated Environmental Prediction System	AFSCF.....Air Force Satellite Control Facility (Sunnyvale)
AES.....Atmospheric Environment Service (Canada)	AFSCN.....Air Force Satellite Control Network
AETL.....Army Engineer Topographic Laboratory	AFSCOASO Air Force Small Computer/Office Automation Service Organization
AEW.....airborne early warning	AFSK.....automatic frequency shift keying
AEWES.....Army Engineer Waterways Experiment Station	AFSO.....U.S. Air Forces, U.S. Southern Command (PN)
AF.....audio frequency	AFSOB.....Air Force Special Operations Base
AFAC.....Air Force Armament Center	AFSOC.....Air Force Special Operations Command
AFAL.....Air Force Astronautics Laboratory (formerly RPL, AFRPL)(Now AL)	AFSOCC.....Air Force Special Operations Control Center
AFALC.....Air Force Acquisition Logistics Center	AFSOD.....Air Force Special Operations Detachment
AFAMRL.....Air Force Aerospace Medical Research Laboratory	AFSOUTH.....Allied Forces Southern Europe
AFATL.....Air Force Armaments Test Laboratory	AFSPACECOM Air Force Space Command
AFC.....Air Force Council	AFSTC.....Air Force Space Technology Center
AFC.....automatic frequency control	AFSWC.....Air Force Special Weapons Center
AFCAC.....Air Force Computer Acquisition Center	AFT.....annual field training
AFCC.....Air Force Communications Command	AFTAC.....Air Force Technical Applications Center
AFCC.....Air Force Component Commander	AFTEC.....Air Force Test and Evaluation Center (See AFOTEC)
AFCEA.....Armed Forces Communications and Electronics Association	AFTFWC.....Air Force Tactical Fighter Weapons Center
AFCENT....Allied Forces Central Europe	AFTI.....Advanced Fighter Technology Integration
AFCH.....Air Force Component Headquarters	AFTN.....Aeronautical Fixed Telecommunications Network
AFCMD.....Air Force Contract Management Division	AFTOX.....Air Force Toxic Chemical Dispersion
AFCNF.....Air Force Central NOTAM Facility	AFTPS.....Air Force Test Pilot School
AFCRL.....Air Force Cambridge Research Laboratory (See AFGL)	AFU.....Alaskan Forecast Unit
AFCSA.....Air Force Center for Studies and Analysis	AFWAL.....Air Force Wright Aeronautical Laboratories (Now WRDC)
AFCVIL.....Air Force Central Visual Information Library	AFWC.....Air Force Wargaming Center
AFDIGS.....Air Force Digital Graphics System	AFWIND.....Air Force Windflow Model
AFEMS.....Air Force Equipment Management System	AFWL.....Air Force Weapons Laboratory (Now WL)
AFEOC.....Air Force Emergency Operations Center	AG.....air-to-ground
AFERB.....Air Force Educational Requirements Board	AGADS.....Advanced Graphics Avionics Display System
AFESC.....Air Force Engineering and Services Center	AGARD.....Advisory Group for Aerospace Research and Development
AFFDL.....Air Force Flight Dynamics Laboratory	AGC.....automatic gain control
AFFMC.....Air Force Frequency Management Center	AGCW.....autonomously guided conventional weapon
AFFOL.....Air Force forward operating location	AGDB.....astrophysical database
AFFOR.....Air Force Forces	AGE.....aerospace ground equipment
AFFTC.....Air Force Flight Test Center	AGL.....above ground level
AFGL.....Air Force Geophysics Laboratory (Formerly AFCRL) (Now GL)	AGM.....air-to-ground missile
AFGWC.....Air Force Global Weather Central	AgRISTARS Agriculture and Resources Inventor Surveys Through Aerospace Remote Sensing
AFHRL.....Air Force Human Resources Laboratory	AGROMET.....agricultural meteorology
AFIC.....Air Force Intelligence Center	AGU.....American Geophysical Union
AFIPS.....American Federation of Information Processing Societies	AGS.....aircraft generation squadron
AFISC.....Air Force Inspection and Safety Center	AGS.....ascent guidance software
AFIT.....Air Force Institute of Technology	AGW.....allowable gross weight
AFKAG-1....USAF directive for cryptographic security	A/G WSEP.....Air-to-Ground Weapons System Evaluation Program
AFLANT....Air Force Forces Atlantic	AHOS.....Automated Hydrologic Observing System
AFLC.....Air Force Logistics Command	AHP.....Army heliport
AFLMC.....Air Force Logistics Management Center	AI.....artificial intelligence
AFMEDS...Air Force Meteorological Data System	AI.....air interdiction
AFMS.....airborne field mill system	AIAA.....American Institute of Aeronautics and Astronautics
AFNORTH.....Allied Forces Northern Europe	AID.....Agency for International Development
AFORMS...Air Force Operations Resource Management System	AIL.....Airborne Ionospheric Laboratory
AFOS.....Automation of Field Operations and Services (NWS)	AIM.....air-launched intercept missile
AFOSR.....Air Force Office of Scientific Research	AIM.....Airman's Information Manual
AFOTEC....Air Force Operational Test and Evaluation Center	AIMS.....Airlift Implementation and Monitoring System
AFPG.....Air Force Planning Guide	AINS.....alternate inertial navigation system (SICBM)
AFPRO.....Air Force Plant Representative Office	AIPS.....Advanced Integrated Propulsion System (Army)
	AIR.....Atmospheric Instrumentation Research (Corporation)

AIRA	air attache	AMEX	Australian Monsoon Experiment
AIRCRAFT	aircraft reports database (USAFETAC)	AMF	Allied Command Europe (ACE) Mobile Force
AIREP	aircraft (weather) report	AMFAX	Aviation Meteorological Facsimile Network
AIRMET	Airmen's Meteorological Information Bulletin	AMG	antenna mast group
AIRS	Advanced Initial Reference Sphere (SICBM)	AMMS	Advanced Microwave Moisture Sounder
AIRS	Auroral and Ionospheric Remote Sensor	AMMUS	AF Minicomputer Multi-user System
AIS	airborne imaging spectrometer	AMMWS	advanced millimeter wave seeker
AIS	Army Intelligence Survey	AMO	Allied Met Office
AIS	automated information systems	AMOS	Air Force Maui Optical Station
AISC	Assessment and Information Services Center	AMOS	automatic meteorological observing station (NWS)
AIST	air intelligence support team	AMP	automated mission planning
AJTWC	Alternate JTWC	AMPS	Airlift Mission Planning and Scheduling System
AK	equivalent daily amplitude (magnetometry)	AMR	aircraft microwave refractometer
AL	assembly language	AMRAAM	advanced medium-range air-to-air missile
AL	Astronautics Laboratory	Amroc	American Rocket Co.
ALASS	air launched atmospheric sounding system	AMS	American Meteorological Society
ALBE	airland battlefield environment	AMS	automatic meteorological system
ALC	Air Logistics Center	AMSA TM	American Satellite Company
ALC	Automatic Level Control	AMSS	Aeronautical Mobile Satellite
ALCC	airlift control center	AMST	advanced medium STOL transport
ALCE	airlift control element	AMSU	advanced microwave sounding unit
ALCENT	USAF Airlift Center	AMT	accelerated mission testing
ALCF	airlift control flight	AMTEWSS	Advanced Manned Tactical EW Support System
ALCM	air-launched cruise missile	AMTEX	Air-Mass Transformation Experiment
ALCS	airlift control squadron	AMTI	advanced missile technology integration
ALD	Airlift Division	AMTI	airborne moving target indicator
ALD	available to load date (at POE)	AMTS	Advanced Moisture and Temperature Sounder
ALDF	advanced lightning direction finder	AMTSAMVER	Automated Mutual Assistance Vessel Rescue System
ALDP	Advanced Launch Development Program (formerly ALS)	ANG	Air National Guard
ALERT	automated local evaluation in real-time system	ANGB	ANG base
ALFMC	Air Force Logistics Management Center	ANGOSTA	ANG Operational Support Turboprop Aircraft
ALGOL	algorithmic language	ANL	Argonne National Laboratory
ALIC	aircraft launch interface computer	ANMCC	Alternate National Military Command Center
ALLIES	Airland Loosely Integrated Expert Systems	ANMRC	Australian Numerical Meteorology Research Center [Melbourne]
ALM	airlift loading model	ANNAF	Army-Navy-NASA-Air Force
ALMEDS	Alaskan Meteorological Data System	ANODE	Ambient Noise Directionality Estimator
ALO	Air Liaison Officer	ANOVA	analysis of variance
ALOC	air line of communication	ANS	American National Standard
ALP	ascent load package	ANSI	American National Standards Institute
ALPEX	The Alpine Experiment	AO	area of operations
ALPS	Accidental Launch Protection System	AOA	abort once around
ALR	Autonomous Landing Radar	AOA	airborne optical adjunct (SDI)
ALRS	Airfield Launch and Recovery System	AOA	angle of attack
ALS	Advanced Launch System	AOC	air operations center
ALSO	artillery limited surface observation	AOD	airlift operating directive
ALSS	advanced location strike system	AOE	Army of Excellence
ALTREV	altitude reservation	AOIPS	Atmospheric and Oceanic Information Processing System
ALU	Arithmetic and Logic Unit	AOML	Atlantic Oceanographic and Meteorological Labs (ERL)
ALUSNA	U.S. Naval Attache	AOR	area of responsibility
ALUSNO	U.S. Naval Liaison Officer	AOS	airborne optical system
ALWOS	Automated Low Cost Weather Observation Station/System (NWS)	AOS	Airlift Operations School
AM	amplitude modulation	AOS	automated observation system
AMADEUS	A Meteorological and Diffusion Event--Undulating Surfaces	AOS	automatic observing system
AMARC	Aerospace Maintenance and Regeneration Center (Davis-Monthan)	AOS	autonomous observing system
AMB	airlift management briefing	AP	anomalous propagation
AMC	Army Material Command (formerly DARCOM)	A _p	planetary geomagnetic index
AMC	automated maintenance system	APC	armored personnel carrier
AMCCOM	Armament, Munitions, and Chemical Command (Army)	APCC	aerial port control center
AMD	air movement designator	APCL	Atmospheric Physics and Chemistry Labs (ERL)
AMDAR	Aircraft Meteorological Data Relay	APDS	AWDS Product Driver Subsystem
AMETA	Army Management Engineering Training Activity	APG	Aberdeen Proving Ground

A

APG	Air Proving Ground (AFSC)	ARSOFE	Army Special Operations Force (Airborne) Europe
API	antecedent precipitation index	ARSR	air route surveillance radar
API	armor-piercing incendiary	ART	automated radio theodolite
APL	a programming language	ARTADS	Army Tactical Data System
APM	absolutely pure magic (what makes computers work)	ARTCC	Air Route Traffic Control Center
APOD	aerial port of debarkation	ARTEP	Army Training and Evaluation Program
APOE	aerial port of embarkation	ARTINS	Army Terrain Information System
APPA	Aerosol Parameter Point Analysis	ARTIST	Automatic Real Time Ionogram Scaler with True Height
APR	active prominence region	ARTYMET	artillery meteorology (Army)
APPS	Analytical Photogrammetric Positioning System	ARWO	Aerial Reconnaissance Weather Officer
APS	Advanced Propulsion System	AS	air station
APS	aerial port squadron	AS	Applications System (IBM)
APS	American Physical Society	As	altostratus
APS	atmospheric properties system	ASA	air stagnation advisory
APT	automatic picture transmission	ASAC	All-Source Analysis Center
APU	auxiliary power unit	ASALM	Advanced Strategic Air-Launched Missile
ACAM	Air Quality Assessment Model	ASAN	Assessment System for Aircraft Noise
AR	air refueling, aerial refueling	ASAP	AFGL Statistical Analysis Program
AR	as required	ASAP	as soon as possible
Ar	argon	ASAP	Automated Shipboard Aerological Programme
A/R	amplitude/range	ASARG	autonomous synthetic aperture radar guidance
ARA	airborne radar approach	ASARS	Advanced Synthetic Aperture Radar System
ARAC	Atmospheric Release Advisory Capability	ASAS	All Source Analysis System (Army)
ARAMCO®	Arabian American Oil Company	ASAT	antisatellite (also Asat)
ARC	Airlift Requirement Center	ASC	academic specialty code
ARC	Ames Research Center	ASC	assisting support center
ARC	Army (or Air) Reserve Component	ASCE	American Society of Civil Engineers
ARCAS	Atlantic Research Corporation Atmospheric Sounding Missile	ASCENA	Agency for the Security of Aerial Navigation in Africa and to Madagascar (multinational)
ARCC	Army Component Commander	ASCII	American Standard Code for Information Interchange
ARCENT	U.S. Army Forces, U.S. Central Command	ASCR	Atmospheric Sciences Research Center
ARCNET	Attached Resource Computer Distributed Processing Network	ASD	Aeronautical Systems Division
ARCP	air refueling control point	ASD	aircraft situation display
ARCT	air refueling control time	ASDAR	aircraft satellite data acquisition and relay
AREAREEP	Area Regression Estimation of Event Probability	ASDF	Air Self Defense Force (Japan)
ARF	Air Reserve Forces	ASDL	aircraft satellite data link
ARF	aviation route forecast	ASDS	Aviation Support Display System (Navy)
ARFI	Armour Research Foundation Illinois	ASEAN	Association of Southeast Asian Nations (Brunei, Indonesia, Malaysia, the Philippines, Singapore, Thailand)
ARFOR	area forecast	ASECNA	Agency for the Safety of Air Navigation in Africa and Madagascar
ARFOR	Army Forces	ASET	Aircrew Standardization and Evaluation Team
ARGOS	French weather collection system	ASETS	Airborne Seeker Evaluation Test System
ARIA	Advanced (or Apollo) Range Instrumentation Aircraft	ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning Engineers
ARINC®	Aeronautical Radio, Inc.	ASI	airspeed indicator
ARL	Air Resources Laboratories (NOAA)	ASI	altimeter setting indicator
ARLANT	U.S. Army Forces, U.S. Atlantic Command	ASIF	Airlift Services Industrial Fund
ARLO	air reconnaissance liaison officer	ASIP	AFGWC Software Improvement Program
ARM	antiradiation missile	ASIP	Aircraft Structural Integrity Program
ARNO	A/R (scope) not operational	ASL	above sea level
ARO	Army Research Office	ASL	Atmospheric Sciences Laboratory (Army)
AROWA	Applied Research Operational Weather Analysis (Navy)	ASM	air-to-surface missile
ARPA	Advanced Research Project Agency	ASM	algebraic stress monitor
ARPA	Advanced Research Projects Agency Network	ASM	all-sky monitor
ARPGEN	Atmospheric Refractivity Profile Generator	ASMS	Advanced Strategic Missile Systems (BMO)
ARO	automatic response to query	ASO	Air Surveillance Officer
ARRS	Aerospace Rescue and Recovery Service (now ARS)	ASOC	Air Support Operations Center
ARS	Aerospace Rescue Service (formerly ARRS)	ASOS	Automated Surface Observation System (NWS)
ARS	advanced reference system	ASPJ	airborne self-protection jammer
ARS	Alaskan Radar System	ASPR	Armed Services Procurement Regulation
ARS	attack radar set	ASPS	Adaptable Space Propulsion System
ARS	automated radar summary	ASPS	all-source production section
ARSHFACE	Army Space Command	ASR	airport surveillance radar
ARSO	U.S. Army Forces, U.S. Southern Command		
ARSOC	Army Special Operations Command		
ARSOF	Army special operations forces		

ASR	automatic send-receive	ATLAS	Advanced Tactical LADAR seeker
ASRAP	acoustic sensor range prediction	ATM	atmosphere/atmospheric
ASRP	all-sensor reporting post	ATN	Astrogeophysical Teletype Network
ASRT	air support radar team	ATNAGE	Advanced TIROS-N Aerospace Ground Equipment
ASSOTW	Airfield and Seaplane Stations of the World	ATO	air tasking officer
ASST/ARD	Advanced Surveillance and Tracking Technology Airborne Radar Demonstration (ARD)	ATO	air tasking order
AST	Aerial Survey Team	ATO	air terminal office
AST	air surveillance technician	ATOC	Air Terminal Operations Center
AST	American Society for Testing and Materials	ATOC	Allied Tactical Operations Center
AST	Area Studies Team	ATOC	Alternate Tactical Operations Center
AST	Atlantic Standard Time	ATR	advanced tactical reconnaissance (aircraft)
ASTA	Aerospace Sciences Technical Attachment (7WW--obsolete)	ATRC	Air Traffic Regulation Center
ASTAAM	Advanced Seeker Technology for Air-to-Air Missiles	ATS	applications technology satellite
ASTER	Atmosphere-Surface Turbulent Exchange Research (NCAR)	ATS	aircrew training system
ASTOVL	Advanced Short Takeoff and Vertical Landing	ATS	air traffic service
ASTS	Airborne Surveillance and Tracking System	ATSD	accumulated temperature standard deviation (CFP)
ASTT/ARD	Advanced Surveillance and Tracking Technology Airborne Radar Demonstration (also ASSTARD)	ATT	advanced tactical transport
ASUW	antisubmarine warfare (also ASW)	ATT	air terminal team
ASVD	accumulated SVD (CFP)	AU	Air University
ASW	anti-submarine warfare	AU	angstrom unit (also "A")
ASWOC	ASW Operations Center	AU	astronomical unit
ATA	Air Transport Association of America	AUL	Air University Library
ATA	Applied Technology Associates	AUTEC	Atlantic Undersea Test and Evaluation Center
ATA	assembly test article	AUTOB	automatic observation (NWS)
ATACC	Advanced Tactical Air Command Center	AUTODIN	Automatic Digital Network
ATACMS	Army Tactical Missile System	AUTOSEVOCOM	Automatic Secure Voice Communications
ATACS	Army tactical area communications system	AUTOVON	Automatic Voice Switching Network (now DSN)
ATAD	automatic telephone answering device	AUV	automated unmanned vehicle
ATADS	Advanced Tactical Air Defense System	AUW	all-up weight
ATAF	Allied Tactical Air Force	AV	assistance visit
ATALARS	Advanced Tactical Air Launch and Recovery System	AV	AUTOVON (now DSN)
ATARS	Advanced Tactical Air Reconnaissance System	AV-AWOS	Aviation Automated Weather Observation System (NWS)
ATAS	Advanced Target Acquisition Sensor	AVCRAD	Army Aviation Classification Repair Activity Depot
ATB	Advanced Tactical Bomber (B-2)	AVCS	Advanced Vivicon Camera System
ATBM	antitactical ballistic missile	AVE-SESAME	Atmospheric Variability Experiment-Severe Environmental Storms and Mesoscale Experiment
ATC	Advanced Technology Cell	AVHRR	advanced very high resolution radiometer
ATC	air traffic control	AVIP	Avionics Integrity Program
ATC	Air Training Command	AVLF	airborne very low frequency
ATCA	advanced tanker cargo aircraft	AVRADCOM	Army Aviation Research and Development Command
ATCCS	Army Tactical Command and Control System	AVSCOM	Aviation Systems Command (Army)
ATCD	Air Training Communications Division	AW	aviation weather watch
ATCF	Air Traffic Control Flight	AWACS	Airborne Warning and Control System
ATCL	air traffic control line	AWADS	Adverse Weather Aerial Delivery System
ATCM	Advanced Tropical Cyclone Model (Navy)	AWAPS	Automated Weather Analysis and Prediction System
ATCMD	Advance Transportation Control and Movement Document	AWDS	Automated Weather Distribution System
ATCO	air traffic coordinating officer	AWES	Aviation Weather System
ATCP	Analog Technology Corporation--Pasadena	AWF	accumulated wind factor (CFP)
ATCT	air traffic control tower	AWI	awaiting installation
ATD	accumulate ² temperature deviation (CFP)	AWIPS-90	Advanced Weather Interactive Processing System for the 1990s (DoC)
ATDL	Atmospheric Turbulence and Diffusion Laboratory (ERL)	AWIS	Automated Weather Information System (generic in OFCM)
ATDS	airborne tactical data system	AWM	awaiting maintenance
ATE	automatic test equipment	AWN	Automated Weather Network
ATEC	Army Test and Evaluation Center	AWNMC	AWN Management Center
ATF	Advanced Tactical Fighter	AWO	Atmospheric Warning Officer (ADTAC)
ATHS	airborne target handover system	AWOS	automated weather observing system
ATI	Air Technical Index (document) (DTIC)	AWP	Aviation Weather Processor
ATIM/TT	accumulated total time (CFP)	AWPDS	Attack Warning Processing and Display System
ATIS	automatic terminal information service	AWR	advanced weather radar
ATL	Army Topographic Laboratory	AWS	Air Weather Service
ATL	automated tape library	AWS	automated weather station

A

AWSC.....Agricultural Weather Service Center (NWS)
AWSMSC AWS Master Station Catalog
AWSPE....AWS primitive equation (model)
AWSTL....Air Weather Service Technical Library

AXCP.....Airborne Expendable Current Profiler
AZA.....auroral zone absorption
AZRAN.....azimuth and range

B	brightness, luminance	BMP	background measurements program
B.A.	bachelor of arts	BMP	base mobility plan
BAe	British Aerospace	BNSC	British National Space Centre
BAI	battlefield air interdiction	BOG	budget operating guidance
BAMS	Bulletin of the American Meteorological Society	BOMEX	Barbados Oceanographic and Meteorological Experiment
BASEREEP	Base Regression Estimation of Event Probability	BOOM	Blast Operational Overpressure Model
BASIC	Beginner's All-purpose Symbolic Instruction Code	BOP	bit-oriented protocol
BASS	Base Augmentation Supp:rt Set	BOT	beginning of tape
BB	bare base	BOW	basic operating weight
BCD	binary coded decimal	BPAC	Blended Persistence and Climatology
BCE	battlefield coordination element (Army, at TACC)	BPF	beryllium propellant facility
BCO	base contracting officer	BPI	BITS per inch
BCP	base comprehension plan	BPI	bytes per inch
BCTC	base/top contrails	BPR	bypass ratio
BCTP	Battle Command Training Program	BPS	BITS per second
BD	beam diagnostics (SDI)	bps	bay pulsation
BDA	battle damage assessment	BRAAT	Base Recovery After Attack
BEAPS	Building Energy Analysis Programs	BRDC	Belvoir Research, Development, and Engineering Center (Army)
BEAR	Beam Experiment Aboard a Rocket (SDI)	BRDF	bidirectional reflectance distribution function
BECO	booster engine cut-off	BRL	Ballistic Research Laboratory
BEES	battlefield environmental effects software	BRS	Bibliographic Retrieval Services
BEST	Battlefield Emissive Sources Test	BRS	bibliographic retrieval specialist
BF	banding feature (tropical storms)	BRU	bomb release unit
BFR	Biennial Flight Review	BRW	brake release weight
BFS	breadth first search	B.S.	bachelor of science
BFX	bulk file transfer (NSC-GEON)	BSAM	Barotropic Self-advection Model
BGV	boost glide vehicle	BSD	Ballistic Systems Division
BIC	battlefield-induced contaminant	BSL	bright surge at limb
BICC	Battlefield Information Coordination Center	BSM	backscatter meter
BIFF	battlefield IFF	BTSTS	Boost Surveillance and Tracking System (SDI)
BIPS	billion instructions per second	BT	bathythermograph
BIS	beam-induced stripping	BTI	Balanced Technology Initiative
BIT	binary digit	BT&SS	Basing Test & Systems Support (BMO)
BIT	built-in test	BTAM	basic telecommunications access method
BITE	built-in test equipment	BTI	Balanced Technology Initiative
BKEP	Bomb, Kinetic Energy Penetrator	BTP	batch transfer program
BLAST	Building Loads Analysis and System Thermodynamics	Btu	British thermal unit
BLI	Best Lifted Index	BUAN	Baseline Upper-Air Network
BLM	boundary layer model	BUCS	backup computer system
BLM	Bureau of Land Management	BUFR	Binary Universal Form for Data Representation
BLS	beach landing site	BUIC	Back-up Interceptor Control
BM	bipolar magnetic (region)	BULCON	bulletin content
BM/C ³	Battle Management/Command, Control, and Communications	BuMet	Bureau of Meteorology (Australia)
BMD	ballistic missile defense	BVR	beyond visual range
BMD	Ballistic Missile Division	BWER	bounded weak echo region
BMEWS	Ballistic Missile Early Warning System	BWK	belt weather kit
BMFT	German Federal Ministry of Research and Technology	BWOFS	Battlefield Weather Observation and Forecast System
BMNT	beginning morning nautical twilight	BWS	base weather station
BMO	Ballistic Missile Office (Now BSD)	BWS	battlefield weather system
BMO	British Meteorological Office	BWW	basic weather watch

C

$^{\circ}\text{C}$	Celsius, Centigrade	CAWIS	Committee for Automated Weather Information Systems (ICMSSR)
C^2	command and control	CAWSS	Crisis Action Weather Support System
C^2SMP	Command and Control System Master Plan	CB	climatic brief
C^2I	command, control, and intelligence	CB	chemical or biological
C^2NVEO	CECOM Center for Night Vision and Electrooptics (formerly CNVEO)	Cb	cumulonimbus
C^3	command, control, and communications	C/B	center of balance
C^3	command, control, communications, and intelligence	C-BAND	5 GHz
C^4S	command, control, communications, and computer system	CBL	convective boundary layer
CA	counter air	CBI	computer-based instruction
ca	circa	CBR	California bearing ratio
CAB	current awareness bibliography	CBR	chemical, biological, and radiological (warfare)
CAC	Climate Analysis Center (NMC)	CBRN	Caribbean Basin Radar Network
CACDA	Combined Arms Combat Development Activity (Army)	CBS	Commission for Basic Systems (WMO)
CAD	computer-aided design	CBS	Committee for Basic Services (OFCM)
CADAS	Centralized Automatic Data Acquisition System	CBT	computer-based training
CAeM	Commission for Aeronautical Meteorology (WMO)	CBU	cluster bomb unit
CAFE	Conventional Armed Forces in Europe	CC	cloud-to-cloud (lightning)
CAgM	Commission for Agricultural Meteorology (WMO)	CC	commander
CAI	computer-aided instruction	CC	command center
CAIRA	Chemical Accident/Incident Response and Assistance	CC	conditional climatology (also known as "PP")
CAAL	collective addressee listing	CCA	computer capacity study
CaCPI	California Computer Products, Inc.	CCAFS	Cape Canaveral Air Force Station
CAI	computer-aided logistics support	CCB	configuration control board
CA-PL	Canister Assembly Launcher Test Program (SICBM)	CCC	central cold cover (tropical storms)
CAM	combat airlift mission	CCC	command and control center
CAM	computer-aided manufacturing	CCCO	Committee on Climate Changes and the Ocean (SCOR/IOC)
CAMMS	condensed army mobility model system	CCCP	U.S.S.R.
CAMP	Calibrated Airoorne Measurements Program	CCD	charge-coupled device
CAMPS	computer-aided mission planning system	CCF	coded cities forecast (NWS)
CAMS	Central Atmosphere Monitoring System	CCF	Combined Computer Facility (MAC)
CAO	cold air outbreak	CCGP	Combat Communications Group
CAP	combat air patrol	CCI	Commission for Climatology (WMO)
CAP	Communications-Electronics Authorization Program (formerly PCSP)	CCIR	Comité Consultatif International des Radiocommunications (International Radio Consultative Committee)
CAP	crisis action procedure	CCISS	Command, Control, and Intelligence Support Squadron
CAPPI	constant altitude PPi	CCL	Commodity Control List
CAPS	Consolidated Aerial Port Subsystems	CCL	convective condensation level
CARA	Combined Altitude Radar Attitude	CCM	California Current System
CARCAH	Chief, Aerial Reconnaissance Coordination Air Hurricanes	CCM	certified consulting meteorologist
CARES	Combined Release and Radiation Effects Satellite	CCM	community climate model
CARES	crater and related effects studies	CCM	conventional cruise missile
CARF	Central Altitude Reservations Facility	CCPE	Cooperative Convective Precipitation Experiment
CARMEDS	Caribbean Meteorological Data System	CCR	cloud cover radiometer
CARP	computed air release point	CCR	cold-core ring
CAS	calibrated airspeed	C&CS	Command and Control System
CAS	close air support	CCSB	configuration control sub-board
CAS	Commission for Atmospheric Sciences (WMO)	CCSO	Command and Control Systems Office
CAS	Committee for Aviation Services	CCSQ	Combat Communications Squadron
CAS	crisis action system	CCSS	Commodity Command Standard System
CASE	Computer Aided Software Program	CCT	combat control team
CASID	Climate Air-Sea Interactive Drifter (Buoy)	CCT	computer compatible tape
CAT	clear-air turbulence	CCTC	Command and Control Technical Center
CAT	computer-aided testing	CCTV	closed-circuit television
CAT	crisis action team	CCU	central control unit
CATS	Combat Aircrew Training School	CCV	control configured vehicle
CATS	computer-aided time standards	CCW	concatenated code words (AI)
CAVT	constant absolute vorticity trajectory	CCW	counterclockwise
CAVU	ceiling and visibility unlimited	CD	common digitizer
CAVOK	ceiling and visibility unlimited	CD	compact disc
		cd	candela
		CD-I	compact disc-interactive disc
		CDA	command and data acquisition

CDAPS	Central Data Acquisition Processing System (WSMC)	+CG	positive cloud-to-ground (lightning)
CDAS	Command and Data Acquisition Station	-CG	negative cloud-to-ground (lightning)
CDAW	Coordinated Data Analysis Workshop	CG	center of gravity
CDC	Control Data Corporation	CG	cloud-to-ground (lightning)
CDC	call direction code	CG	computer graphics
CDD	cooling degree day	cg	centigram
CDDF	Central Data Distribution Facility (GOES--NESDIS)	CG ATIS	computer-generated ATIS
CDDS	Central Data Distribution System (NESDIS)	CGI	computer-generated imagery
CDF	cumulative distribution function	CGL	corrected geomagnetic latitude
CDI	Conventional Defense Initiative	CG/MARS	Coast Guard or Marine Reporting Station
CDI	course direction indicator	c-g-s	centimeter-gram-second
CDM	central display modification	CHAD	change/add/delets
CDO	central dense overcast (tropical storms)	CHARM	Composite High-Altitude Radiation Model
CDR	critical design review	CHERPS	Computerized Hypergolic Emergency Response Protocol System
CD-ROM	compact disk-read only memory	CHI	cloud height indicator
CDS	container delivery system	CHILL/CP-2	transportable multiparameter polarization diversity coherent radar
CDSF	commercially designed space facility	CHOP	change of operational control
CDT	central daylight time	CI	comfort index
CDT	crew duty time	CI	configuration item
CDW	cloud drift winds	CI	current intensity (tropical storms--Dvorak)
CE	circular error	CI	cirrus
C-E	Communications-Electronics	C/I	correlation/identification
CEA	circular error average	CIA	Central Intelligence Agency
CEARY	Computerized Energy Analysis Reference Year	CIAP	Climatic Impact Assessment Program
CEAS	Center for Environmental Assessment Services (NOAA)	CIAP	Climatic Implications of Atmospheric Pollution
CEBZ	Central European Buffer Zone	CIC	Combat Intelligence Center
CEC	Combined Employment Concept	CID	charge injection device
CECOM	Communications-Electronics Command (Army)	CIDOS	Cloud Impacts on DoD Operations and Systems
CEDAR	Coupling, Energetics, and Dynamics of Atmospheric Regions	CIL	coherent integration loss
CEF	Centralized Environmental Facility	CINC	Commander in Chief
CEIP	Communications-Electronics Implementation Plan	CINCAFLANT	CINC Air Force Forces Atlantic
CEMES	Centre d'Etudes de la Meteorologic Spatiale (Lannion, France)	CINCCENT	CINC Central Command
CEMT	Command Equipment Management Team	CINCCFC	CINC Combined Forces Command
CENDI	Commerce, Energy, NASA, NLM, Defense Info	CINCEUR	CINC Europe
CENTAF	U.S. Air Forces, CENTCOM	CINCLANT	CINC Atlantic Command
CENTAG	Central Army Group	CINCMAC	CINC Military Airlift Command
CENTCOM	U. S. Central Command	CINCPAC	CINC Pacific Command
CEOI	communications-electronics operating instruction	CINCPACAF	CINC Pacific Air Forces
CEP	circular error of probability	CINCRED	CINC Readiness Command
CEP	concept evaluation program	CINCSOC	CINC Special Operations Command
CERL	Construction Engineering Research Laboratory	CINCSPACE	CINC Space Command
CERN	European Center for Nuclear Research	CINCTRANS	CINC TRANSCOM
CERV	crew emergency rescue vehicle (NASA)	CINDE	Convection Initiation and Downdraft Experiment
CES	Committee on Earth Sciences	CIRA	COSPAR International Reference Atmosphere
CEWI	Combat Electronic Warfare and Intelligence	CIRC	Central Information Reference and Control
CF	central feature (tropical storms)	CIRIS	Completely Integrated Reference Instrumentation System
CFA	covering force area	CIRL	Cloud Information Reference Library
CFAR	constant false alarm rate	CIRS	critical item resupply site
CFARC	cloud-free arc (CFLOS program)	CIS	Combat Identification Systems
CFC	chlorofluorocarbon	CISE	Corps Intelligence Support Element
CFC	Combined Forces Command (Korea)	CISK	conditional instability of the second kind
CFCF	central flow control facility	CIST	cylinder in situ test
CFDS	Cold Fog Dissipation System	CIT	coherent integration time
CFE	contractor furnished equipment	CITS	central integrated test system
CFEP	communications/computer front end processor	CJCS	Chairman, Joint Chiefs of Staff
CFFOV	cloud-free field-of-view	CL	chemical laser
CFFT	computer-formatted terminal forecast	CLASS	coherent lidar airborne shear sensor
C FIN	Combat Flight Inspection and Navigation	CLGP	cannon-launched guided projectile
CFLOS	cloud-free line-of-sight	CLICOM	Climate computer system
CFP	computer flight plan	CLIMAP	climate long-range investigation mapping and prediction
CFWS	Canadian Forces Weather Service	CLIPER	Climatology-Persistence (forest model)
CFWSU	Central Flow Weather Service Unit	CLIST	Command List Language

C

CLOS.....	clear line-of-sight	COINS.....	Community On-Line Intelligence System
CLOUDS	Cloud Logic to Optimize Use of Defense Systems	COINS.....	computer operated instrument system
CLS.....	clear the screen	COM.....	computer output to microform/microfilm
CM.....	central meridian	COMAAFCE	Ailed Air Forces Central Europe
CM.....	communications management	COMAFFOR	Commander, Air Force Forces
CM.....	configuration management	COMAFSOF	Commander, Air Force Special Forces
CM.....	core memory	COMALF	...Commander, Airlift forces
cm.....	centimeter	COMARFOR	Commander, Army forces
cm ²	square centimeter	COMEDS	...CONUS Meteorological Data System
cm ³	cubic centimeter	comint.....	communications intelligence
CMA.....	Chemical Manufacturers Association	COMNAVFOR	Commander, Navy Forces
CMF.....	Coherent Memory Filter	COMNOCEAN	Commander, Naval Oceanography
CMAG.....	Cruise Missile Advanced Guidance	COMPES	Contingency Operations/Mobility Planning and
C-MAN.....	Coastal-Marine Automated Network (NDBC, NWS)	Execution Systems	
C-MAWDS	Computerized Marine Weather Dissemination	COMSEC	communications security
System		CONA	Committee for the OWS-E-NA
CMB.....	Configuration Management Board	CONDIGS	CONUS Digital Graphics System
CMBTCG	Combat Communications Group	CONDOR TM	a relational database
CMC.....	Canadian Meteorological Center	CONMDL	...Consolidated Message Distribution Library
CMC.....	combined meteorological cell	CONTEL	Continental Telephone
CMC.....	Combined Met Center	CONUS	...continental United States
CMCA.....	cruise missile carrier aircraft	COOP	state cooperative station data
CMCB.....	cold moist conveyor belt	COP	continuity of operations plan
CME.....	Community modeling effort	COPC	Committee for Operational Processing Centers
CME.....	coronal mass ejection	(ICMSSR)	
CMMCA.....	Cruise Missile Mission Control Aircraft (EC-18D)	COPES	cooperating expert systems
CMO.....	Chief Met Officer	CORE	Contingency Response
CMOS.....	Cargo Movement Operation System	cos.....	cosine
CMP.....	capabilities master plan	COSATI	Committee on Scientific and Technical Information
CMP.....	central meridian passage	COSCOM	Corps Support Command
CMS.....	Conversational Monitoring System	COSMIC	Computer Software Management and Information
CMS.....	cockpit management system	Center (NASA)	
CMS!	climatological mission success indicator	COSNA	Composite Observing System for the North Atlantic
CN.....	classified number	COSPAR	Committee on Space Research
CNA.....	cosmic noise absorption	COSPAS	Cosmicheskaya Sistemya Poiska Avariyich Sudov
CNC.....	computer numerical control	COST	Co-operation in Science and Technology
CNDWX.....	conditional weather	cot.....	cotangent
CNES.....	Centre Nationale d'Etudes Spatiales	coth.....	hyperbolic cotangent
CNET.....	Centre Nationale d'etudes des Telecommunications	COTS	commercial off-the-shelf
CNET.....	Chief of Naval Education and Training	CP	calculator program (AWS)
CNO.....	Chief of Naval Operations	CP	circular polarization
CNOC.....	COMNAVOCEANCOM (alternate)	CP	command post
CNR.....	clutter-to-noise ratio	CP	conference presentation
CNRC.....	Canadian National Research Council	CP	control program
CNWDI.....	Critical Nuclear Weapons Design Information	cp.....	candlepower
CO ₂	carbon dioxide	CPA	closest point of approach
COARS.....	Computer-Assisted Observation and Recording	CPC	computer program component
System		CPC	control power converter
COB.....	close of business	CPCFLOS	climatological probability of cloud/Free
COB.....	collocated operating base	line-of-sight	
COBE	Cosmic Background Explorer	CPCI	computer program configuration item
COBOL.....	Common Business Oriented Language	CPE	computer performance evaluation
COC.....	Combat Operations Center	CPF	centralized production facility
COCOM.....	combatant command	CPHC	Central Pacific Hurricane Center (Honolulu, HI)
COCOM.....	Coordinating Committee for Multilateral Export	CPIA	Chemical Propulsion Information Agency
Controls		CPIP	Channel Performance Indicator Program
COD.....	carrier onboard delivery	CPM	computer performance measurement
CODAP.....	Control Da'ta Assembly Program	CPS	central processing system
CODASYL	Conference on Data System Languages	CPS	centralized production system
CODS.....	Classified Output Distribution System	CPS	condensation pressure spread
COES.....	Committee for Operational Environmental Satellites	CPS	cycles per second
COG.....	Continuity of Government	CPSC	contingency planning support capability
COHDEX	Cooperative Huntsville Meteorological Experiment	CPT	cumulative percent transmittance
COHO.....	coherent local oscillator	CPU	... central processing unit
COIL.....	Chemical Oxygen-Iodine Laser	CPU	... centralized production unit

CPX	command post exercise	CSPP	Communications-Computer System Program Plan
CR	contractor report (NASA)	CSRB	Communications-Computer Systems Requirements Board (formerly ISRB)
CR	coordinated registration	CSRD	Communications-Computer Systems Requirements Document (formerly ISRD)
C/R	counter-rotating	CSRL	common strategic rotary launcher
CRA	central repair activity	CSS	combat service support
CRAF	Civil Reserve Air Fleet	CSS	Cooperating Space Systems
CRALE	California Research Arbitrary Lagrangian-Eulerian	CST	Central Standard Time
CRC	contingency response capability	CSU	Colorado State University
CRC	Control and Reporting Center	CT	computed tomography
CRDEC	Chemical Research, Development, and Engineering Center (Army)	CT	Cross Totals
CRES	Command Readiness Exercise System	CTA	common table of allowances
CREST	crew escape technology	CTAPS	Contingency Tactical Air Control System Automatic Planning System (TAC)
CRF	Cloud radiative forcing	CTBL	cloud-topped boundary layer
CRIMREP	Crisis Management Information Report	CTD	charge transfer device
CRITIC	critical intelligence message	CT&E	contractor test & evaluation
CRITICOM	Critical Intelligence Communications System (NSA)	CTF	combined test force
CRP	control and reporting post	CTMC	communications terminal module controller
CRPL	Central Radio Propagation Laboratory (NBS)	CTMS	Central/Commercial Technical Mission Support
CRREL	Cold Regions Research and Engineering Lab	CTOL	conventional take-off
CRRES	Combined Release and Radiation Effects Satellite (USAF/NASA)	CTS	Colorado Tracking Station
CRS	command readout station	CTT	combat tactics trainer
CRS	component repair squadron	CTW	cloud track wind
CRS	control readout station	Cu	cumulus
CRT	cathode-ray tube	cu	cubic
CRTC	Cold Regions Test Center (Ft Greeley, AK)	CUA	cooperative upper-air (station)
CS	combat support	CUWTF	Combined Unconventional Warfare Task Force
Cs	cirrostratus	CVD	chemical vapor deposition
CSC	cloud system center	CVOF	Ceiling/Visibility/Observation/ Forecast Simulator
csc	cosecant	CVSD	Continuously Variable Slope Detector
CSD	Chemical Systems Division	CW	chemical warfare
CSD	Committed for Systems Development	CW	clockwise
CSD	constant-speed drive	CW	continuous wave
CSD	Convective Storms Division (NCAR)	CWA	center weather advisory
CSEF	Committee for Space Environment Forecasting	CWDS	Cockpit Weather Display System
CSG	cloud system center (tropical storms)	CWEDA	Consolidated Weather Effects Decision Aid
CSI	Critical Skill Index	CWF	computer-worded forecast
CSIDA	CSIRO system for interactive data analysis	CWG	Climatology Working Group
CSIRO	Commonwealth Scientific and Industrial Research Organization (Australia)	CWII	climatological weather impact indicator
CSIS	Centralized Storm Information System	CWP	central weather processor
CSO	Communications-Computer System Officer (formerly ISSO)	CWR	clear water reflectance
CSOC	Consolidated Space Operations Center	CWSU	center weather service unit (FAA)
CSOCWSU	Consolidated Space Operations Center Weather Support Unit	CWT	cadre weather team
CSP	common signal processor	CWW	continuous weather watch
CSP TM	Cross System Products (IBM)	CY	calendar year
		CZCS	coastal zone color scanner

DA	data administrator	DDA	depth-duration-area
DA	density altitude	DDB	display database
DA	Department of the Army	DDC	Defense Documentation Center (obsolete-now DTIC)
DAA	data access arrangement	DDN	Defense Data Network
DAACM	Direct Airfield Attack Combined Munition	DDO	Defense Duty Officer (NMCC)
DAB	Defense Acquisition Board	DDT&E	design, development, test, and evaluation
DABS	Discrete Address Beacon System	DEB	Digital European Backbone
DABS DL	DABS Data Link	DEC™	Digital Equipment Corporation
DACG	departure airfield control group	DECCO	Defense Commercial Communications Office
DACOM	NBI vendor	DEER	Directed Energy Experimental Range
DACS	data acquisition and control subsystem	DEFCON	defense readiness condition
DACS	Defense Ammunition Center and School	DEMIZ	DEW East Military Identification Zone
DAD	data system designator	DERF	dynamical extended range forecasting
DADC	digital air data computer	DESC	Defense Electronic Supply Center
DADS	digital air data system	DESS	Defense Environmental Satellite System
DAF	Department of the Air Force	DET	direct energy transfer
DAI	distributed artificial intelligence	DETCO	detachment commander
DAITC	Defense Applied Information Technology Center	DEW	distant early warning
DAL	dissemination authority list	DEW	directed energy weapon
DALAS	disk and limb activity summary	DEWIZ	Distant Early Warning Identification Zone
DAMPL	Department of the Army master priority listing	DF	data formatter
daN	decanewton (Newtons force X 10)	DF	deuterium fluoride (laser)
DAR	data auto.nation requirement	DF	directed frequency
DAR	Division of Atmospheric Research (CSIRO)	DF	direction finder
DARCOM	U.S. Army Material Development and Readiness Command (obsolete-now AMC)	DFAD	Digital Features Analysis Data (DMA)
DARDC	Device for Automatic Remote Data Collection (NWS)	DFI	design freezing index
DARPA	Defense Advanced Research Projects Agency	DFS	digital facsimile system
DAS	data acquisition system	DFS	direct-flow sampler
DAS	defensive avionics system	DFT	discrete Fourier transform
DASC	Direct Air Support Center	DFVLR	German Aerospace Research Establishment
DASD	direct-access storage device	DG	Data General/Defense Guidance
DASS	Doppler Acoustic Sounding System	DGSC	DoD Federal Acquisition Regulation Supplement
DATSAV	Environmental Data Save program	DGZ	Desired Ground Zero
DATSAV2	New version of DATSAV	DH	decision height
DATYPE	data type	DIA	Defense Intelligence Agency
DAU	Data Acquisition Unit	DIAC	Defense Intelligence Analysis Center
DAVIS	Defense Automated Information System	DIALOG™	A commercial bibliographic database vendor
DB	database	DIAOLS	Defense Intelligence Agency On-Line System
dB	decibel	DID	Data Item Description
DB2	A commercial relational database management system	DIE	digital interface electronics
DB2PM	DB2 performance monitor	DIFAX	digital facsimile
DBA	database administration	DIFM	due in for maintenance
DBA	database administrator	DINET	Defence Industrial Network
DBASI	digital barometer altimeter setting indicator	DINS	digital inertial navigation system
DBEDIT	database edit product (IBM/DB2)	DIPP	Defense Intelligence Project for Planning
DBM	database management	DIPS	Digital Image Processing subsystem
DBMS	database management system	DIPS	Dynamic Isotope Power System (SDI)
Dbs	Doppler beam sharpening	DIRS	Damage Information Recording System
DBU	database upgrade	DIRT	dusty IR test
DBV	diagonal breaking vehicle	DISAM	Defense Institute of Security Assistance Management
DC	drift correction	DIS	Defense Investigative Service
dc	direct current	DISIMP	device independent software for image processing
DCA	Defense Communications Agency	DISP	Defense Industrial Security Program
DCAA	Defense Contract Audit Agency	DISS	Digital Ionospheric Sounder System
DCAS	Defense Contract Administration Services	DLA	data line amplifier
DCFLOS	dynamic cloud-free line-of-sight	DLA	Defense Logistics Agency
DCM	deputy commander for maintenance	DLGS	Doppler landing guidance system
DCP	data collection platform (SAMS)	DLSC	Defense Logistics Service Center
DCPA	Defense Civil Preparedness Agency	DLSIE	Defense Logistics Studies Information Exchange
DCPLS	Data Collection and Platform Location System	DLT	desired lead time
DCS	Data Collection System (GOES)	DLT	decision logic table
DCS	Defense Communications System	DMA	Defense Mapping Agency
DCS	Deputy Chief of Staff	DMA	direct memory access
DCT	digital communications terminal	DMAAC	Defense Mapping Agency Aerospace Center
		DMD	deployment manning document

DMD	Digital Muirhead Display	DRIS	Defense Regional Interservice Support
DME	distance measuring equipment	DRIT	DDC/DTIC Retrieval and Indexing Terminology
DMET	Defense Management Education Training	DRO	direct readout
DML	data manipulation language	DROLS	Defense RDT&E On-Line System
DMLS	Doppler microwave landing system	DRS	data reconstruction station
DMS	Display Management System	DRS	direct readout site
DMSP	Defense Meteorological Satellite Program	DRU	direct-reporting unit
DMSS	Defense Meteorological Satellite System	DRU	Data Recovery Unit
DMSS	Distributed Message Switching Systems	DRWP	Doppler Radar Wind Profiler
DMZ	demilitarized zone	DS	data summary
DNA	Defense Nuclear Agency	DS	direct support
DNA	Designated National Agencies	DSARC	Defense System Acquisition Review Council
DNIF	duties not involving flying	DSB	Defense Science Board
DO	deputy commander for operations	DSB	direct sounder broadcast
DOC	designed operational capability	DSCS	Defense Satellite Communications System
DOC	Directorate of Command and Control	DSD	dark surge on disk
DoC	Department of Commerce	DSD	drop size distribution
DoD	Department of Defense	DSIS	Defense Satellite Information System
DODCI	Department of Defense Computer Institute	DSM	disturbances, solar magnetism
DODD	Department of Defense Directive	DSMAC	digital scene-matching area correlator
DODSI	Department of Defense Security Institute	DSN	Defense Switched Network (formerly AUTOVON)
DOE	Department of the Environment (Canada)	DSP	Defense Satellite Program
DoE	Department of Energy	DSP	Defense Support Program
DoI	Department of the Interior	DST	Data Systems Test
DOMSAT	Domestic Satellite	DSTAR	DARPA's Defense Strategic and Tactical Array
DOPAA	Description of Proposed Actions and Alternatives	D/T	detection/tracking
DOS	disk operating system	DTD	digital topographic/terrain data
DoS	Department of State	DTE	data terminal equipment
DoT	Department of Transportation	DTE	development, test, and evaluation
DOS/VIS	disk operating system/virtual storage	DT&E	development, test & evaluation
DOW	Directorate of Weather	DTG	date-time group
DP	disturbance, polar	DTIC	Defense Technical Information Center (formerly DDC), Cameron Station, VA
DPD	data project directive	DTP	desk-top publishing
dpi	dots per inch (resolution)	DUAT	direct user access terminal
DPP	data project plan	DUS	data utilization system (GOES)
DPPX	Distributed Processing Program Executive (IBM 8140 software)	DVIP	digital video Integrator and processor
DPSS	Data Processing and Services Subsystem	DWD	Deutsches Wetterdienst (German Weather Service)
DPU	data processing unit	DWIPS	Digital Weather Image Processing System
DR	dead reckoning	DXT	Data Extract Product/Program
DRAM	dynamic random access memory	DYCOMS	Dynamic Coherent Measurement System
DRB	Defense Resources Board	DZ	drop zone
DRI	departure routing indicator	DZCO	drop zone control officer
DRIBU	drifting buoy data	DZSO	drop zone safety officer

E

EA	environmental assessment	EEIS	Electronics/Engineering Installation Squadron
EAA	Export Administration Act	EISCAT	European Incoherent Scatter (radar)
EAC	echelon above corps	EL	electroluminescent
EAD	echelon above division	EL	equilibrium level
EAD	equipment authorization document	ELF	extremely low frequency
EAID	equipment authorization inventory document	ELINT	electronic Intelligence
EAM	emergency action message	ELS	emitter locator system
EAR	electronically agile radar	ELT	emergency locator transmitter
EAR	Export Administration Regulation	ELV	expendable launch vehicle
EAS	equivalent airspeed	EM	electromagnetic
EBBT	equivalent black body temperature	EMA	Electrodynamics of the Middle Atmosphere
EBCDIC	Extended Binary Coded Decimal Interchange Code	EMCON	emissions control
EBR	Electrobeam Recorder	EMDED	Electromagnetic Device Editor
ECAC	Electromagnetic Compatibility Analysis Center	EMERGE	Emergency Dose Assessment System
ECCM	electronic counter-countermeasures	EMEX	Equatorial Mesoscale Experiment
ECCN	export control commodity number	EMI	electromagnetic interference
ECD	estimated completion date	EMO	equipment management office
ECM	electronic countermeasures	EMP	electromagnetic pulse
ECMA	European Computer Manufacturing Association	EMPCS	Electromagnetic Propagation Conditions Summary
ECMWF	European Centre for Medium-Range Weather Forecasts (Reading, England)	EMR	electromagnetic radiation
ECP	engineering change proposal	EMRLD	Excimer Moderate-powered Ramen-Shifted Laser Device
ECRS	East Coast Radar System	EMS	equipment management system
ECT	equivalent chill temperature	EMSP	Electromagnetic Pulse Survivability Military Standardization Program
EDARD	European Office of Aerospace Research and Development	EMSU	Environmental Meteorological Support Unit
EDB	Environmental Data Buoy	END	equivalent normal deviate
EDB	extensional database (AI)	ENSCE	enemy situation correlation element
EDF	Exploratory Development Facility	ENSO	El Nino/southern oscillation
EDGE	environmental design guidance and evaluation	EO	electrooptical, electrooptics
EDI	electronic document interchange	EOARD	(USAF) European Office of Aerospace Research and Development
EDIS	Environmental Data and Information Service (NOAA/NESDIS)	EOGB	electrooptically guided bomb
EDL	electric discharge laser	EOM	end of message
EDM	effective downwind fallout	EOS	Earth Observing Station
EDP	electron density profile (SESS)	EOS	equation of state
EDP	electronic data processing	EOSAEL	Electro-Optical Systems Atmospheric Effects Library
EDRE	emergency deployment readiness exercise	EOSS	Electrooptical Sensor System
EDS	Environmental Data Service	EOTDA	electrooptical tactical decision aid
EDT	eastern daylight time	EP	electronic publishing
E&E	escape & evasion	EP	energetic particle (SESS)
EEC	European Economic Community	E.P.	entire period
EEFI	essential elements of friendly information	EPA	Environmental Protection Agency
EEG	Electronic Engineering Group	EPHC	Eastern Pacific Hurricane Center (Redwood City, CA)
EEI	essential elements of information	EPIRB	Emergency Position-Indicating Radio Beacon
EEIC	Element of Expense/Investment Code	EPOCS	Equatorial Pacific Ocean Climate Study
EENT	end evening nautical twilight	EPROM	erasable programmable read-only memory
EEPROM	electrically erasable programmable read-only memory	EPS	electronic publishing system
EFAS	En Route Flight Advisory Service	ER	enhanced radiation
EFIS	Electronic Flight Instrument System	ERADCOM	Electronics Research and Development Command (Army)
EFPS	Engineer Flood Prediction Service	ERB	Earth radiation budget
EFS	enhanced flight screening	ERBE	Earth Radiation Budget Experiment
EFTO	encrypt for transmission only	ERBS	Earth Radiation Budget Satellite
EFU	European Forecast Unit	ERBSS	Earth Radiation Budget Satellite System
EFWAS	En Route Flight Weather Advisory Service	ERCMIS	Environmental Requirements and Capabilities Management Information System
EGS	European Geophysical Society	ERD	equivalent residual dose
EGT	exhaust gas temperature	ERDA	Energy Research and Development Administration
EGWS	European Graphics Weather Switch	EREP	error-recording process
EHF	extremely high frequency (30-300 Ghz)	EREPS	engineer's refractive effects prediction system
EIA	Electronic Industries Association	ERH	Eastern Region Headquarters
EIAPIAP	environmental impact analysis process	ERICA	Experiment on Rapidly Intensifying Cyclones in the Atlantic
EID	Engineering Installation Division	ERIM	Environmental Research Institute of Michigan
EIG	Electronics Engineering Installation Group		
EIR	enhanced infrared		
EIS	environmental impact statement		

ERIS	exoatmospheric reentry interceptor subsystem (SDI)	EST	Environmental System Testing
ERKE	excess rotational kinetic energy	EST	equipment status telemetry
ERL	Environmental Research Laboratory	ESV	earth satellite vehicle
EROS	Earth Resources Observation Systems	ET	echo top
ERP	effective radiated power	ET	effective temperature
ERRC	expendability repair/recoverability code	ET	ETAC tape
ERTS	Environmental Resources Technology Satellite (LANDSAT)	ETA	estimated time of arrival
ES	Expert Systems	ETABS	Electronic Tabulator Display System
E _s	sporadic "E"	ETD	estimated time of departure
ESA	Earth Sensor Assembly	ETE	estimated time enroute
ESA	electrostatic analyzer (FMDS)	ETIC	estimate time in commission
ESA	European Space Agency	ETL	Engineer Topographic Laboratory (Army--Ft Belvoir)
ESAWESTCOM	U.S. Army Western Command	ETP	equal time point
ESC	Electronic Security Command	ETP	evapotranspiration potential
ESC®	Earth Satellite Corporation	ETR	Eastern Test Range
ESD	Electronic Systems Division (AFSC)	ETSE	Echo Track and Significance Estimator
ESD	electrostatic discharge	ETWO	European Theater Weather Orientation
ESDS	electrostatic discharge sensitive	EUCOM	European Command
ESF	environmental support function	EUMD	Extended Unit Manning Document
ESG	Environmental Science Group	EURDIGS	European Digital Graphics System
ESL	Earth Sciences Laboratory	EURMEDS	European Meteorological Data System
ESM	electromagnetic support measures	EUV	extreme ultraviolet
ESM	electronic stores measures	EV	electron volt
ESM	electronic support measures	EVA	extravehicular activity
ESM	electronic surveillance measures	EVS	electrooptical viewing system
ESM	equipment support module	EW	early warning
ESMC	Eastern Space and Missile Center	EW	electronic warfare
ESMR	Electrically Scanning Microwave Radiometer	EW ARC	Electronic Warfare Area Reprogramming Capability
ESOC	European Space Agency Space Operations Center (Darmstadt)	EWEDS	En Route Weather Display System
ESS	Explosive Safety Standards	EWO	electronic warfare officer
ESSC	Environmental Studies Service Center	EWO	emergency war order
EST	Eastern Standard Time	EWSM	early-warning support measures
		EWTS	EW Technical Study Committee
		EXEC	Executive Company language
		EZ	extraction zone

F

°F	Fahrenheit	FI	frag and insert
FA	area forecast	FIBI	filed but impracticable (to transmit)
FA	Field Artillery	FID	foreign internal defense
FA	forecaster aid	FIDO	fighter duty officer
FA	forecaster assistant	FIDS	fog investigation and dispersal operations (WWII)
FAA	Federal Aviation Administration	FIFE	First ISLSCP Field Experiment
FAAD	Forward Area Air Defense System	FIMA	Future International Military Airlifter
FAC	forward air controller	FINRACS	file of normalized radar cross-sections
FACE	Florida Area Cumulus Experiment	FIPS	Federal Information Processing Standard
FACP	forward air control post	FIR	far infrared
FAD	force/activity designator	FIR	First-Impressions Report
FADS	Forward Area Air Defense System	FIR	flight information region
FAE	fuel air explosives	FIRE	First ISCCP Regional Experiment
FAGS	Federation of Astronomical and Geophysical Centres	FIRMR	Federal Information Resources Management
FAI	Federation Aeronautique Internationale	Regulation	
FALOP	Forward Area Limited Observing Program	FL	flight level
FALW	forward area laser weapon	FL-2	FAA-Lincoln Laboratory Testbed, Doppler Weather Radar
FAM	fuel air munitions	FLA	Future Large Aircraft
FAMAS	Field Artillery Meteorological Acquisition System	FLAPS	Force Level Automated Planning System (USAFFE)
FAR	false alarm rate	FLATBED	Force Level Automated Testbed (TAC)
FAR	Federal Acquisition Regulation	FLENUMOCEANCEN	Fleet Numerical Oceanography Center
FAR	Federal Aviation Regulation	FLIP	flight information publication
FARP	forward arming and refueling point	FLIR	forward-looking infrared
FARR	FAA/Air Force Radar Replacement Program	FLOT	forward line of own troops
FAS	functional address symbol	FLR	forward-looking radar
FASCAP	Fast Payback Capital Investment	FM	forecaster memo (AWS)
FASCOD2	Current version of FASCODE	FM	frequency modulation
FASCODE	Fast Atmospheric Signature Code (computer program)	FMB	Financial Management Board
FASINEX	Frontal Air-Sea Interaction Experiment	FMC	fully mission capable
FAX	facsimile	FMDS	Flight Model Discharge System
FBO	fixed base operation	FMH	Federal Meteorological Handbook
FC	Forecast (observations from mesoscale model)	FMI	Fawbush-Miller Index
fc	foot-candle	fmin	minimum frequency observed by ionosonde (SESS)
FCA	forecast control agency	FMS	Foreign Military Sales
FCC	Federal Communications Commission	FMSI	forecast mission success indicator
FCC	flight coordination center	FMT	Foreign Military Trainee
FCCN	Foreign Clearance Change Notice	FMTAG	Foreign Military Training Affairs Group
FCCSET	Federal Coordinating Council for Science, Engineering, and Technology	FNOC	Fleet Numerical Oceanography Center
FCF	flight control facility	FNWF	Fleet Numerical Weather Facility
FCG	Foreign Clearance Guide	FO	fiber optic
FCGP	forecast constant generating program	FO	forward overhang
FCI	flight command indicator	FOB	forward operating base
FCM	Federal Coordinator for Meteorology	FOC	full operational capability
FCMSSR	Federal Committee for Meteorological Services and Supporting Research	FOC	flight operations center
FD	wind and temperature aloft forecast	FOD	foreign object damage
FDL	Flight Dynamics Laboratory	foES	(critical) frequency of (the ordinary wave) of the sporadic E layer (SESS)
FDPO	Foreign Disclosure Policy Officer	foF2	critical frequency of the F2 layer (for the ordinary wave) (SESS)
FE	extended forecast	FOFA	follow-on forces attack (NATO)
FEBA	forward edge of the battle area	FOFAX	forecast office facsimile
FEDLINK	Federal Library and Information Network	FOG-M	fiber-optic guided missile
FEFRP	front end full resolution processor	FOI	follow-on interceptor
FEL	free-electron laser	FOIA	Freedom of Information Act
FEMA	Federal Emergency Management Agency	FOL	forward operating location
FESWG	Fuse Engineering Standardization Working Group	FORSCOM	Forces Command (Army)
FFA	free fire area	FORTDIS	Foreign Disclosures Technology Information System
FFAS	Flash Flood Alarm System	FORTRAN®	Formula Translator (IBM®)
FFC	forward flank downdraft	FOSS	fiber optic sensor system
FFT	fast Fourier transform	FOT	follow-on training
FGGE	First GARP Global Experiment	FOT	optimum traffic frequency
FGMS	Foreign Geostationary Meteorological Satellite	FOT&E	follow-on operational test and evaluation
FHE	Forward Headquarters Element	FOUO	for official use only
FI	Force Integration		
FI	forecast intensity (tropical storms--Dvorak)		

4-D.....	four-dimensional (ionospheric model-AFGWC)
FOV.....	field-of-view
FP.....	public forecast
FPA.....	focal plane array
FPC.....	Flight Plan Control (AFGWC)
fpm.....	feet per minute
FPP.....	forecaster preparation program
FPRG.....	Fischer Porter Rain Gauge
FPRM.....	flight plan request message
fps.....	feet per second
FRAG.....	fragmentary order
FRF.....	flight readiness firing (NASA)
FRG.....	Federal Republic of Germany (West)
FRN.....	force requirement number
FROG.....	free-rocket over-ground
FRP.....	force rendezvous point
FSAS.....	Flight Service Automation System
FSAS.....	Fuel Savings Advisory System
FSB.....	forward staging base
FSC.....	flight size check
FSCC.....	fire support coordination center
FSCL.....	fire support coordination line
FSCORD.....	fire support coordinator
FSDPS.....	Flight Service Data Processing System
FSDWS.....	Fixed Site Detection and Warning System
FSE.....	field support equipment
FSE.....	fire support element
FSF.....	Flight Safety Foundation
FSI.....	Fog Stability Index
FSL.....	forward supply location
FSM.....	flight simulation model (AFGWC)
FSM.....	forward scatter meter
FSO.....	fire support officer
FSP.....	forward supply point
FSS.....	flight service station
FSW.....	forward-swept wing
FT.....	terminal forecast
ft.....	foot, feet
ft ²	square foot
ft ³	cubic foot
ftc.....	footcandle
FTD.....	field training detachment
FTD.....	Foreign Technology Division
FTM.....	free text message
FTS.....	Federal Telecommunications System
FTS.....	field training site
FTS.....	Fourier-transform interferometer-spectrometer
FTV.....	functional technology vehicle
FTZ.....	Fernmeldetechnisches Zentralamt Deutsche Bundespost
FTX.....	field training exercise
FU.....	forecast unit
FWC.....	Fleet Weather Central
FWM.....	frequency window management
FY.....	fiscal year
FYDP.....	Five Year Defense Plan

G

G.....	gravity, giga-	GISM.....	Gridded Ionospheric Scintillation Model
g.....	gram	GISMO.....	Global Ionospheric Simultaneous Measurement of Substorms
GAC.....	global area coverage	GISS.....	Goddard Institute for Space Studies
GACIAC.....	Guidance and Control Information Analysis Center	GISS.....	GSFC Institute for Space Studies (NASA) [New York, NY 10025]
GADB.....	Global Applied/Analysis Database	GITCAD.....	Global Ionosphere Thermosphere Coupling and Dynamics
gal.....	gallon	GL.....	Geophysics Laboratory (formerly AFGL)
GALE.....	Genesis of Atlantic Lows Experiment	GLA.....	Goddard Laboratory for Atmospheres
GAMA.....	General Aviation Manufacturers Association	GLAS.....	GSFC Laboratory for Atmospheric Sciences (NASA) [Greenbelt, MD 20771]
GAO.....	General Accounting Office	GLCM.....	ground-launched cruise missile
GARP.....	Global Atmospheric Research Program	GLL.....	ground-level effect
GASP.....	Global Atmospheric Sampling Program (NASA)	GLEPL.....	Great Lakes Environmental Resources Lab (ERL)
GAST.....	Greenwich apparent sidereal time	GLLD.....	ground-located laser designator
GATE.....	GARP Atlantic Tropical Experiment	GLO.....	ground liaison officer
GB.....	gigabyte	GLOR.....	glare obstructor
GBEL-TIE	Ground-Based Free Electron Laser Technology Integration Experiment	Glonas.....	Global Navigation Satellite System (U.S.S.R.)
GBEODSS	Ground-Based EO Deep Space Surveillance System	GMCC.....	Geophysical Monitoring for Climatic Change (ERL)
GBFEL.....	ground-based free electron laser	GMLS.....	guided missile launching system
GBIP.....	Geometric Arithmetic Array Processor Based Image Processor (SDI)	GMCO.....	German Military Geophysical Office
GBL.....	ground-based laser system	GMS.....	Geostationary Meteorological Satellite (Japan)
GBU.....	guided bomb unit	GMS.....	Japanese Meteorological Satellite
GCA.....	ground controlled approach	GMST.....	Greenwich mean sidereal time
GCA.....	guiding center approximation	GMT.....	Greenwich Mean Time
GCAS.....	ground collision avoidance system	GNPC.....	global navigation and planning chart
GCCS.....	Global Command Control System	GOCO.....	government-owned/contractor-operated
GCD.....	great circle distance	GOES.....	Geostationary Operational Environmental Satellite
GCI.....	ground controlled intercept	GOES-NEXT	new version of GOES, in development
GCM.....	general circulation model	GOES-TAP	GOES imagery processing & dissemination system
GCM.....	Global Circulation Model	GOFS.....	Global Ocean Flux Study
GCS.....	grid course	GOPAD.....	Goal-Oriented Pattern Detection
GD.....	General Dynamics	GOR.....	general operational requirement
GDAS.....	Global Data Assimilation System	GOS.....	Global Observing System
GDDM.....	Graphical Data Display Manager	GP.....	general purpose
GDDS.....	GOES Data Distribution System	GPS.....	Global Positioning System (Navstar)
GDO.....	Global Duty Officer (AFGWC)	GPS.....	Ground Processing System
GDPS.....	Global Data Processing System	GPWS.....	ground proximity warning system
GDR.....	German Democratic Republic (East)	CR.....	geophysical requirement
GEIS.....	general environmental image statement	G/R.....	Gage/Radar
GDSS.....	Global Decision Support System	GRADS.....	Ground Radar Aerial Delivery System
GEM.....	Generalized Exponential Markov (model)	GRASP.....	Generalized Retrieval and Storage Program
GEM.....	global electronic measurements	GRASS.....	Geographic Resources Analysis Support System
GEMACS	General Electromagnetic Model for the Analysis of Complex Systems	GRID.....	Global Resource Information Data-Base
GEMAG.....	geomagnetic	GRIST.....	grazing-incidence solar telescope
GEMPAK	software--Barnes climate-spreading technique	GRO.....	Gamma Ray Observatory (NASA)
GEMS.....	global environmental monitoring system	GRU.....	Intelligence Directorate (U.S.S.R.)
GENUS.....	generic user software	GS.....	general support
GEODSS	ground-based electrooptical deep space surveillance	GS.....	Geological Survey
GEON.....	Global ETAC/OL-A Network	GS.....	ground speed
GEOREF	World Geographical Reference System	GSA.....	General Services Administration
GEOS.....	Geodynamics Experimental Ocean Satellite	GSE.....	ground support equipment
GEOSAT.....	Geodesy Satellite (Navy)	GSFC.....	Goddard Space Flight Center
GEOSAT.....	geodetic satellite	GSFS.....	Global Stratospheric Forecast System
GEOSEM	Global EO Systems Environmental Matrix	GSM.....	Global Spectral Model
GFCS.....	gas filter correlation spectrometer	GSM.....	ground station module
GFDL.....	Geophysical Fluid Dynamics Laboratory (NOAA) [Princeton University, Princeton, NJ 08540]	GSO.....	geosynchronous orbit
GFMPL.....	Geophysics Fleet Mission Program Library	GSOWM.....	Global Spectral Ocean Wave Model (FNOC)
GHA.....	Greenwich hour angle	GST.....	General Systems Theory
GHD.....	grid heading	GST.....	gridded surface temperature
GHz.....	gigahertz	GSTS.....	ground-based surveillance and tracking system
GIGO.....	garbage in--garbage out	GSU.....	geographically separated unit
GIMMS.....	Global Inventory, Monitoring, and Modeling Studies	GTCP.....	Global Tropospheric Chemistry Program
GIS.....	Geographic Information Systems (USAETL)	GTN.....	Global Transportation Network
		GTS.....	Global Telecommunications System

GTSI.....Government Technology Services, Inc.
GUFMEX...Gulf of Mexico Experiment
GV.....grid variation
GVLID...Ground/Vehicular Laser Designator
GWCS.....Global Weather Communications System
GWD.....Global Weather Dynamics

GWD.....grid wind direction
GWE.....Global Weather Experiment
GWEN.....Ground-Wave Emergency Network
GWIP.....Global Weather Intercept Program
GWT.....gross weight

H

h	hour (astronomical tables)	HIPS	Hardcopy Image Processing Subsystem
H _g	field elevation	hiran	high precision shoran
HAA	height above airport	HIRAS	High-Resolution Analysis System
HAA	Helicopter Association of America	HIRIS	high-resolution imaging spectrometer
HAARS	High Altitude Airdrop Resupply System	HIRL	high-intensity runway lights
HAC	House Appropriations Committee	HIRS	high-resolution infrared radiation sounder
HAC/RMPE	Higher Authority Communications and Rapid Message Processing	HIRS-2, HIRS2	high-resolution infrared radiometric sounder model 2
HAHO	high altitude, high opening	HIS	high-resolution interferometer sounder
HALDGS	Howard and Lajes Digital Graphics System	HISS	helicopter icing spray system
HALE	high altitude, long endurance	HIWAS	Hazardous Inflight Weather Advisory Service
HALO	high altitude, low opening	HLMS	High Latitude Monitoring Station (USAF-NOAA)
HANE	high altitude nuclear event	HLPS	High Latitude Plasma Studies
HAO	high altitude observatory	HMD	helmet-mounted display
HAPS	Hydrologic Auxiliary Processing System	HM/HW	hazardous material/hazardous waste
HARD	high altitude relay drone	HML	hard(ened) mobile launcher
HARDTAC	Hardening Development and Technology Transfer for Aircraft	HMMR	high-resolution multifrequency microwave radiometer
HARM	high speed antiradiation missile	HMMWV	High-Mobility Multipurpose Wheeled Vehicle ("Hummer")
HARP	high altitude release point	HMUF4	High Frequency Minimum Useable Frequency 4 (SESS model)
HASC	House Armed Services Committee	HOTAS	hands-on throttle and stick
HAST	high altitude supersonic target	hour	hour (spelled out)
HAT	height above terrain	HPAC	half persistence and climatology
HATR	hazardous air traffic report	H _o	station elevation
HATS	High-Altitude Target-Skyline	HPM	high-power microwave
(HAVE) LACE	Laser Airborne Communications Experiment	HPT	Hurricane Plotting and Tracking
HAWC	Homing and Warning Computer	HRCP	high-resolution cloud prognosis (model, AFGWC)
HCF	Host Command Facility	HRD	Hurricane Research Days
HCN	historical climatology network	HRIR	high-resolution infrared radiometer
HD	High Density	HRIS	high-resolution infrared sounder
HDB	historical database	HRPT	high-resolution picture transmission
HDBV	host database view (PC product)	HSI	horizontal situation indicator
HDD	heating degree day	HSLLADS	high-speed, low-level aerial delivery system
HDL	Harry Diamond Laboratories (Army)	HSP	high-speed printer
HDL	hardware description language	HSS	Heide Skill Score
HE	heavy equipment	HST	hypersonic transport
HE	high explosive	HST	Hubbell Space Telescope
HEBT	high energy beam transport	HTI	Horizon Technology, Inc.
HEDI	high endo-atmospheric defense interceptor (SDI)	HTA	high threat area
HEL	high-energy laser	HTO	high takeoff
HELMET	high-energy laser meteorology	HTS	Hawaii Tracking Station
HELSTF	High Energy Laser Systems Test Facility (White Sands)	HTSA	host-tenant support agreement
HEPAD	high energy proton and alpha detector (GOES & TIROS)	HTTB	high technology test bed
HEPC	Historical Electromagnetic Propagation Conditions	HTV	hand-held thermal viewer
HERL	high intensity runway edge lighting	HUD	head-up display
HET	hostile environment training	HUDWAC	Heads Up Display Weapons Aiming Computer
HF	high frequency (3-30 MHz)	HUFANL	Hough function upper-air spectral analysis model (AFGWC)
HFMUF	High-Frequency MUF (model)	HUMINT	Human Intelligence
HFRB	High Frequency Regional Broadcast	HV	high velocity
HFSSB	high-frequency single sideband	HVAC	heating, ventilation, and air conditioning
H _g	mercury	HVAR	high-velocity aircraft rocket
HHT	hand-held terminal	HVM	hypervelocity missile
HICAMP	Highly Instrumented Calibrated Airborne Measurement Program	HVR	hypervelocity rocket
HICAT	high altitude clear air turbulence	HVT	high-value target
HIDL	High Energy Laser Instrumentation Development Laboratory	HWA	homogeneous weather area
HIFOR	high altitude forecast	HWD	horizontal weather depiction
HIFT	helicopter icing flight test	HWO	Hurricane Warning Office
HIPO	hierarchy input process output	HYWAYS	Hybrids with Advanced Yield for Surveillance (SDII)
		Hz	hertz
		H _i	barometer elevation

IAC	Information and Analysis Center	IEW/UAV	IEW/ Unmanned Aerial Vehicle
IAC	International Analysis Code	IF	intermediate frequency
IACG	Inter-Agency Consultative Group	IF	industrial fund
IADS	Integrated Air Defense System (Soviet)	IFCS	International Federation of Computer Sciences
IAF	initial approach fix	IFF	Identification, friend or foe
IAF	Intra-Alaska Facsimile	IFR	Instrument flight rules
IAGA	International Association of Geomagnetism and Aeronomy	IFFA	Interactive Flash Flood Analyzer (NESDIS)
IAMAP	International Association of Meteorology and Atmospheric Physics	IFIPS	International Federation of Information Processing Societies
IAMS	Initial Attack Management System	IFLOWS	Integrated Flood Observing and Warning Time
IAP	international airport	IFOV	instantaneous field of view
IAPIM	Improved Auroral Precipitation Ionospheric Model	IFOV	instrument field of view
IAPSO	International Association for the Physical Sciences of the Ocean	IFR	instrument flight rules
IAR	Intensification after recurvature	IFV	infantry fighting vehicle
IAS	indicated airspeed	IG	inspector general
IASPM	Infrared Atmospheric and Signatures Prediction Model	IGBP	International Geosphere-Biosphere Program
IASPM	IR atmospheric signature prediction model	IGFOV	instantaneous geometric field of view
IAT	International Aerospace Technologies	IGIRTDA	Intermediate Grade IR TDA
IATA	International Air Transport Association	IGRF	International Geomagnetic Reference Field
IBM TM	International Business Machines	IGS	interactive graphics system
IBSS	Infrared Background Signature Survey (SDI)	IGU	International Geophysics Union
IBT	interbranch tasking	IGY	International Geophysical Year
IC	integrated circuit, information center	IHPTE	Integrated High Performance Turbine Engine Technology
ICAFS	Improved Cloud Analysis and Forecast System	IIPS®	computer training software
ICAO	International Civil Aviation Organization	IRR, I ² R	imaging infrared
ICAPS	Integrated Command ASW Prediction System	IKI	Institute of Space Research
ICAS	International Committee for Atmospheric Sciences(now SAR)	ILLUM	illumination
ICAS	International Council of Aerospace Sciences	ILS	instrument landing system
ICBM	intercontinental ballistic missile	ILS	integrated logistics support
ICD	imitative communication deception	IMA	individual mobilization augmentee
ICE	International Cometary Explorer (formerly ISEE-3)	IMAPS	Integrated Military Airlift Planning System (MAC)
ICED	Ionospheric Conductivity and Electron Density (SESS model)	IMAGER	Imaging Middle-Atmosphere Geophysical Radar (Boot Lake, CO)
ICES	International Council for the Exploration of the Sea	IMC	instrument meteorological conditions
ICG	Implementation Co-ordination Group	IMETS	Integrated Meteorological System
ICMS	Interdepartmental Committee for Meteorological Services	IML	International Munitions List
ICMSSR	Interdepartmental Committee for Meteorological Services and Supporting Research	IMO	International Maritime Organization
ICNIA	Integrated Communications Navigation Identification Avionics (tri-service)	IMO	International Meteorological Organization (Predecessor of WMO)
ICR&D	International Cooperative Research and Development	IMOM	Improved Many-on-Many (model, AFEWC)
ICRAD	interactive color radar display	IMORL	IR Mobile Optical Radiation Laboratory
ICS	intercommunication system	IMP	Interplanetary Monitoring Platform
ICSU	International Council of Scientific Unions	IMPS	Integrated Meteorological Processing System
ICU	interactive control unit	IMS	information management system
ICWG	Interface Control Working Group	IMS	International Magnetospheric Study
IDA	Institute for Defense Analysis	IMU	Inertial Measurement Unit (MX)
IDSC	Improved Direct Air Support Center	in	inch
IDL	intensional database (AI)	IN	instructor navigator
IDF	Israeli Defense Forces	INAG	International Ionospheric Network Advisory Group
IDFT	inverse discrete Fourier transform	INEWS	Integrated Electronic Warfare System
IDHS	Intelligence Data Handling System	INF	intermediate-nuclear forces
IDS	interface design specification	INMARSAT	International Maritime Satellite Organization
IDS	interdictor-strike	INQUEST	interim query system
IDU	interactive display unit	INR	initial nuclear radiation
IEEE	Institute of Electrical and Electronic Engineers	INS	inertial navigation system
IEMP	internal electromagnetic pulse	INSAT	Indian Satellite
IEP	information exchange program	INSCOM	Intelligence and Security Command (Army)
IEU	interface electronics unit	INTSUM	MAC Intelligence Summary
IEW	intelligence and electronic warfare	INU	inertial navigation unit

IONSS	ionospheric sounder	ISD	information system directive
IOT&E	Initial operational test and evaluation	ISDN	Integrated Services Digital Network
IP	initial point	ISEE-3	International Sun Earth Explorer-3 (Now ICE)
IP	instructor pilot	ISEMS	Integrated Space Environmental Modeling System
IP	interplanetary	ISF	Industrial Space Facility
IPA	Improved Point Analysis	ISI	Institute for Scientific Information
IPADS	interactive processing and display system	ISLSCP	International Satellite Land Surface Climatology Project (WMO, ICSU, UN)
IPAM	Improved Point Analysis Model	ISO	International Standards Organization
IPAR	intercepted photosynthetically active radiation	ISO	isochronal inspection
IPASS	Improved Point Analysis Support System	ISPF	Interactive System Productivity Facility
IPB	intelligence preparation of the battlefield	ISPP	information system program plan
IPC	Information Processing Center	ISRB	Information Systems Requirements Board (now CSRB, which see)
IPCC	Intergovernmental Panel on Climate Change	ISRD	Information Systems Requirements Document (now CSRD, which see)
IPCE	Information processing equipment (formerly WPE and ADPE)	ISS	Information Systems Specialist
IPIX	Interface Processor for Imagery Exchange	ISSA	interservice support agreement
IPOMS	International Polar-Orbiting Meteorological Satellite	ISSL	initial spares support list
IPP	ionospheric penetration point	ISSO	Information Systems Staff Officer (now CSO, which see)
IPS	Information Processing System	ISST	ICBM silo superhardening technology
IPS	ionospheric Prediction Service	IST	Innovative Science and Technology Office (SDIO)
IPT	in-place time	IST	invite, show, and test
IPV	isentropic potential vorticity	ISTP	International Solar-Terrestrial Program
IR	ice on runway	ISV	information scouting visit
IR	infrared	ISWS	Illinois State Water Survey
IRAN	inspect and repair as necessary	ISY	International Space Year
IRBM	intermediate range ballistic missile	ITAR	International Traffic in Arms Regulation
IRT	Icing Research Wind Tunnel	ITB	integrated test bed
IR/TDA	Infrared Tactical Decision Aid	ITCZ	Intertropical convergence zone
IRAS	Infrared Astronomy Satellite	ITEWS	integrated tactical electronic warfare system
IRBM	intermediate range ballistic missile	ITIC	International Tsunami Information Center (UNESCO)
IREPS	Integrated Refractive Effects Prediction System	ITO	Installation Traffic Office
IRHVTA	infrared high value target acquisition	ITOP	Interim Terminal Overseas Processing System
IRI	International Reference Ionosphere	ITOS	Improved TIROS
IRIMO	Islamic Republic of Iran Meteorological Organization	ITPO	International TOGA Project Office
IRIS	Infrared Information Symposium	ITS	Institute for Telecommunications Sciences
IRIS	infrared interferometer spectrometer	ITU	International Telecommunications Union (UN)
IRLS	infrared line scanner	IUGG	International Union of Geodesy and Geophysics
IRM	information retrieval manager	IUS	inertial upper-stage
IRS	Information Retrieval Service	IUWDS	International Ursigram and World Days Service
IRSTS	infrared search and track system (also IR/STS, IRS&T)	IVRS	Interim Voice Response System
IRTH	IR Recognition and Target Handbook (CNVEO)	IVULCAN	Industrial/Volcanic Particulate Database (IPAM)
IQSY	International Quiet Sun Years	I&W	Indications and Warning System
IS	Information System	I&WC	Indications and Warning Center
ISA	Interdepartmental support agreement	IWC	ice water content
ISA	International Standard Atmosphere	IWRS	Improved Weather Reconnaissance System
I-S/A AMPE	Inter-Service/Agency Automated Message Processing Exchange	IWS TM	Integrated Work Station (NBI)
ISAP	Information Scouting and Acquisition Program	IWS	Intelligence Work Station
ISAS	Institute of Space and Astronautical Science	IZMIRAN	Institute of Terrestrial Magnetism, Ionosphere, and Radio Wave Propagation
ISC	intersystem communication		
ISCCP	International Satellite Cloud Climatology Project		

J.....	joule	JMSAC	Joint Meteorological Satellite Advisory Committee
JA	journal article	JOA.....	joint operations area
JA/ATT.....	Joint Airborne/Air Transportability Training	JOAF	Joint Operations Area Forecast
JACC/CP	Joint Airborne Communications Center/Command Post	JOC	Joint Operations Center
JAFNA	Joint Air Force NASA	JOCSS.....	Joint Operational Climatological Support System
JAMPS.....	JINTACCS Automated Message Preparation Systems	JOPES.....	Joint Operational Planning and Execution System
JANNAF	Joint Army-Navy-NASA-Air Force (Interagency Propulsion Committee)	JOPS	Joint Operational Planning System
JARS	Job Accounting Report System	JOBS III	WWMCCS stand computer-based system to support joint operation planning
JASDF.....	Japan Air Self-Defense Force	JPATS	Joint Primary Aircraft Training System
JAWF.....	Joint Agricultural Weather Facility	JPL	Jet Propulsion Laboratory
JAWOP.....	Joint Automated Weather Observing Program	JPP	joint planning process
JAWOS.....	Joint Aviation Weather Observation System	JPRS	Joint Publications Research Service
JAWS.....	Joint Airport Weather Studies	JQS.....	job qualification standard
JCL.....	job control language	JRC	Joint Reconnaissance Center
JCS.....	Joint Chiefs of Staff	JRCC	Joint Rescue Coordination Center
JCSE	Joint Command (or Communications) Support Element	JRP	Joint Review Panel
JCSE	Joint Communications Service Element	JRS	joint reporting structure
JCS/J-1.....	Manpower and Personnel	JRTC	Joint Readiness Training Center
JCS/J-2.....	Intelligence	JRX	joint readiness exercise
JCS/J-3.....	Operations	JSC	Johnson Space Center
JCS/J-4.....	Logistics	JSCAMP	Joint Services Common Airframe Multiple System (formerly MRRPV)
JCS/J-5.....	Plans and Policy	JSCP	Joint Strategic Capabilities Plan
JCS/J-6.....	Command, Control, and Communications Systems	JSIPS	Joint Service Imagery Processing System
JCS/J-7.....	Operational Plans and Interoperability	JSME	Joint Soil Moisture Experiment
JCS/J-8.....	force structure, resource and assessment	JSOC	Joint Service/Special Operations Command
JD	Julian date	JSPD	Joint Strategic Planning Document
JDA.....	Japan Defense Agency	JSPO	Joint System Program Office
JDA.....	Joint Deployment Agency	JSPS	Joint Strategic Planning System
JDOP.....	Joint Doppler Operational Project	JSS.....	Joint Surveillance System
JDS.....	Joint Deployment System	JSTARS	Joint Surveillance Target Attack Radar System
JDW.....	Jane's Defence Weekly	JSTPS	Joint Strategic Target Planning Staff
JEEP.....	Joint Emergency Evacuation Plan	JTB	joint transportation board
JFC.....	Joint Forces Commander	JTF	joint task force
JIAWIG.....	Joint Integrated Avionics Working Group	JTIDS	Joint Tactical Information Distribution System
JIC	Joint Ice Center (Navy/NOAA)	JTMLS	Joint Tactical Microwave Landing System
JIMPP	joint industrial mobilization planning process	JTWC	Joint Typhoon Warning Center (USAF/NAVY)
JINTACCS	Joint Interoperability of Tactical Command and Control Systems	JTWC-AP	JTWC-Automation Project (Navy--formerly TIPS)
JIRSG	Joint Interservice Resource Study Group	JTX	joint training exercise
JMA	Joint Management Activity	JUGFAE	jug-contained fuel-air explosive
JMA	Japan Meteorological Agency	JUWTF	joint unconventional warfare task force
		JVX	joint vertical lift (aircraft)
		JWG	joint working group

K

K.....	kelvin (not $^{\circ}$ K)	KHIT.....	Kinetic Hover Integration Test
K.....	a thousand bits (of memory)	KHz.....	kilohertz
k.....	thousand	KIAS.....	knots indicated air speed
KABLE.....	Kennedy Space Center Atmospheric Boundary Layer Experiment	KITE.....	KEW Integrated Test Experiment
KAC.....	cryptographic authentication code	KKV.....	kinetic kill vehicle
KAPP.....	Key Assets Protection Program	km.....	kilometer
KB.....	Kalman-Bucy	km/h.....	km per hour
KBES.....	knowledge-based expert system (AI)	KMR.....	Kwajalein Missile Range
kbps.....	kilobits per second	K_p	Planetary Geomagnetic Index (logarithmic version of A_p)
K-BALL.....	cannibalize	KPNO.....	Kitt Peak National Observatory
KCAS.....	knots calibrated air speed	KRC.....	Keweenaw Research Center
KE.....	kinetic energy	KSC.....	Kennedy Space Center
KEAS.....	knots equivalent airspeed	kt.....	knot
KeV.....	one thousand electron volts	kt.....	kiloton
KEW.....	kinetic energy weapon	KTAS.....	knots true air speed
KFU.....	Korean Forecasting Unit	kVA.....	kilovolt ampere
kg.....	kilogram	kW.....	kilowatt
KGB.....	Committee for State Security (U.S.S.R.)	KWIC.....	key word-in-context
KGB.....	Soviet Intelligence Agency		

LAA	Laser Association of America
LAAR	low-altitude aerial refueling
LABCOM	U.S. Army Laboratory Command
LABS	low-altitude bombing system
LAC	local area coverage
LACIE	Large Area Crop Inventory Experiment
LAD	latest arrival date
LADAR	laser detection and ranging
LADAR	laser doppler radar
LAF	lagged-average forecast
LAFP	local analysis and forecast program
LAMB	low altitude multiple burst
LAMP	Large Advanced Mirror Program (SDI)
LAN	local area network
LANDSAT	Land Remote Sensing Satellite (see ERTS)
LANDSOUTH	Land Forces Southern Europe
LANDSOUTHEAST	Land Forces Southeastern Europe
LANL	Los Alamos National Laboratory
LANTCOM	Atlantic Command
LANTCOM	Caribbean Command
LANTIRN	Low-Altitude Navigation and Targeting Infrared, Night
LAPES	low altitude parachute extraction system
LARC	limited automatic remote collector
LARC	low-altitude ride control
LASA	LIDAR atmospheric sounder and altimeter
LASC	local area surface chart
laser	light amplification by stimulated emission of radiation
LAST	local apparent sidereal time
lat.	latitude
LATAS	Laser True Airspeed System
LATMOS	Lightning and Transients Monitor System
LAWEB	lake warning bulletin
LAWRS	Limited Aviation Weather Reporting Station
LAWS	low-altitude wind shear
LAWWS	Low Altitude Wind Warning System
lb	pound
LBC	laser beam ceilometer
lbf	pounds of thrust
LBGR	Luke Bombing and Gunnery Range
LBS	Laser Beam Ceilometer
LC	Library of Congress
LCB	lowest cloud base
LCC	Launch Control Center
LCC	life cycle costing
LCD	liquid crystal display
LCD	local climatological data
LCD	Logistics Communications Division
LCF	launch control facility
LCL	lifting condensation level
lcm	least common multiple
LCN	load classification number
L-COM	logistics composite model
LCT	local civil time
L/D	lift-to-drag
LDEF	Long Duration Exposure Facility
LDNS	Laser Doppler navigation system
LDS	limited duty station
LDV	laser doppler velocimetry
LEAD	Low-cost Encryption/Authentication Device
LED	light emitting diode
LEDWI	LED weather identifier
LELWS	low energy laser weapon system
LEO	low earth orbit
LERC	Lewis Research Center
LERTCON	alert condition
LEWP	line echo wave pattern
LF	light fine (visual DMSP imagery)
LF	low frequency (30-300 KHz)
LFC	level of free convection
LFM	limited-area fine mesh (model)
LFMR	low frequency microwave radiometer
LF/TS	Visual Fine/Thermal Smooth
LFWS	Local Flood Warning System
LGB	laser-guided bomb
LHA	local hour angle
LHMEL	lase-hardened material evaluation laboratory
LHS	left hand side
LHX	light helicopter-experimental
LI	lifted Index
LIA	Laser Institute of America
LIC	limited intensity conflict
LIC	low intensity conflict
lidar	light detection and ranging
LIFR	low IFR
LIMEX	Labrador Ice Margin Experiment
LISE	Laser Integrated Space Experiment
LIC	low-intensity conflict
LISOCs	Limited Surface Observation Climatic Summary
LISP	list processing (computer language)
liter	liter
LLCC	low-level circulation center
LLL	low light level
LLLGB	low-level laser-guided bomb
LLLTV	low-light-level TV
LLNL	Lawrence Livermore National Laboratory
LLO	laser lock-on
LLOR	laser lock-on range
LLP	Lightning Location and Protection, Inc. (a WSMC contractor)(now LLPC)
LLPC	Lightning Location and Protection Corporation
LLS	lightning location system
LLTV	low-light TV
LLWS	low-level wind shear
LLWSAS	low level wind shear alert system
LM	loadmaster
LMH	low, middle, high (cloud)
LMHT/A	low/middle/high (cloud) types (and total cloud) amount
LMS	Library Management System
LMT	local mean time
In	logarithm (natural)
LNB	large navigation buoy
LNG	landing
LO	lock-on
LOAC	Law of Armed Conflict
LOB	lines of bearing
LOC	line of communication
log	logarithm (common)
log ₁₀	logarithm base 10
LOGAIR	Logistics Airlift
LOGFOR	Logistics Force Packaging System
LOGMARS	logistics applications of automated marking and reading symbols
LOMPUFF	Local Meteorological PUFF
long	longitude
LOP	line of position
LOR	lock-on range
loran	long-range navigation
LOROP	long-range oblique photography
LOS	line-of-sight

LOS	loss of signal	LSA	leased Service A
LOS-F-H....	line of sight-forward-heavy	LSI	lid strength index
LOS-R.....	line of sight-rear	LSI	large scale integration
LOWTRAN	computer program for calculating atmospheric transmissivity	LSI	large single item
lox.....	liquid oxygen	LSIR.....	limb-scanning Infrared radiometer
LP.....	limited polarization	LSR.....	loose snow on runway
LP.....	low precipitation	LST.....	local standard time, large scale tendency
LPAR.....	large phased-array radar	LSU.....	library storage unit
LPATS.....	Lightning Positioning and Tracking System (Navy)	LT	local time
LPC.....	linear predictive coding	L/T	long ton (2,240 lbs)
LPG	liquefied petroleum gas	LTA.....	lighter than air
LPSF.....	local proficiency sortie	LTCS.....	Lower Thermosphere Coupling Study
LPS.....	low-power sounder	LTD.....	live test demonstration, laser target designator
LPSE.....	low-power sounder experiment	LTDA	laser tactical decision aid
LRC	Langley Research Center	LTE.....	local thermodynamic equilibrium
LRC.....	Logistics Readiness Center	LTO.....	low takeoff
LRCOW.....	long range conventional stand-off weapon	LUF.....	lowest useable frequency
LRCSS.....	Logistics Resource Control and Support System	LUT	local user terminal (satellite)
LRCSW	long-range conventional stand-off weapon	LWC.....	liquid water content
LRF.....	laser rangefinder	LWDS	local weather dissemination system
LRIR.....	Low-resolution IR Radiometer	LWI	laser weather identifier
LRMTS	laser ranger and marked-target seeker	LWIR.....	long-wave infrared
LRR.....	Long-range Radar	LWPC	Long Wave Propagation Capability
LRSU.....	long-range surveillance unit	LWS.....	lightning warning set
LRU	line-replacement unit	LZ	landing zone
LS.....	light smooth (visual DMSP imagery)	LZTRAN	EOSAEL laser transmittance model

M.....	mega-	MAST.....	Military Assistance to Safety and Traffic
M.....	million	MASW	Military Airlift Support Wing
m.....	meter	MAT.....	Miller Analogies Test
MA	mobilization augmentee	MATCU	Military Air Traffic Coordinating Unit
MAA.....	mission area analysis	MATRIS.....	Manpower and Training Research Information System
MAAG.....	Military Assistance Advisory Group	MATS.....	Military Air Transport Service (now MAC)
MABEL	marine atmospheric boundary layer	MAW.....	Military Airlift Wing
MAC.....	Middle Atmosphere Cooperation	MAWS	Modular Automated Weather System
MAC.....	Military Airlift Command	Max.....	maximum
MACAF.....	MAC Air Forces	MB.....	megabyte
MACALT.....	alternate headquarters for MAC	mb.....	millibar
MACARMS	MAC Aircrew Resource Management System	Mbs.....	megabits per second
MACCS	Marine Air Command Control System	MC.....	magnetic course
MACE	Military Airlift Capability Estimator (MAC)	MCC	Mobility Control Center
MACHWIND	Modeling Atmospheric Chemical Hazards and Winds	MCAS.....	Marine Corps Air Station
MACIMS	MAC Integrated Management Systems	MCC	mesoscale convective complex
MACLO.....	MAC Liaison Officer	MCC	mission control center
MACMET	MAC Management Engineering Team	MCC	movement control center
MACOM.....	major Army command	MCCR.....	Mission Critical Computer Resources
MACOS	MAC Operations Staff	MCE.....	Maximum Creditable Events
MACR.....	MAC regulation	MCF.....	mission control forecast
MACRO	MAC resource optimization	MC&G.....	Mapping, Charting, and Geodesy
MAD.....	magnetic anomaly detector	McIDAS	Man-Computer Interactive Data Acquisition System (a meteorological graphics system)
MAD.....	multiple access device	MCL.....	mixing condensation level
MAD	mutually assured destruction	MCO.....	Markov-climatology-observation (model)
MADARS	Malfunction Analysis Data and Report System	MCOPS	million complex operations per second
MAF.....	manpower availability factor	MCP.....	military construction program
MAG	Military Airlift Group	MCR.....	manpower change requ
MAGIC.....	mask and goggles integrated concept	MCS.....	mesoscale convective system
MAI	management action indicator	MCSST	Multi-channel sea surface temperature
MAIRS	Military Air Information Reporting System	MCTL.....	Militarily Critical Technologies List
MAIS.....	Military Airlift Intelligence System	MDA.....	MacDonald Dettwiler Associates (AWDS contractor)
MAJCOM	major command	MDA.....	minimum descent altitude
MALC.....	Management of Acquisition Logistics Center	MDAT	Meteorological Data Acquisition Terminal
MALGE	mean algebraic error	MDC	maintenance data collection
MALNET	MAC/AFCC Library Network (recently dissolved)	MDEA	master data exchange agreement
MAM	Material Acquisition Management	MDMA	mobile depot maintenance activity
MANFOR	Manpower Force Packaging System	MDR	manually digitized radar (reports)
MANOBS	Manual of Surface Weather Observations--Canada	MDR	material deficiency report
MANOP	manual of operations	MDR	maximum detection range
MAP	master plan	MDS.....	minimum detectable/discriminable signal
MAP	Middle Atmosphere Program	MDS.....	mission, design, and series
MAP	Military Assistance Program	MDSS	Meteorological Data Sounding System
MAP	municipal airport	MDT.....	minimum detectable temperature
MAPS	Mobile Aerial Port Squadron	MDWM	MACOS daily watch message
MAPSO	microcomputer-assisted paperless surface observation	MDZ.....	multiple drop zone
MAR	multi-array radar	ME	Meteorological Equator (,TCZ)
MARC	Mobile Airlift Control Element (ALCE) Reaction Communications	ME	mission equipment
MARD	modernization and restructuring demonstration (NWS)	MEAFSA	Middle East, Africa, Southwest and South Asia
MARE	major accident response exercise	MEB.....	marine expeditionary brigade
MARS	Marine Reporting Station	MEB.....	moisture error bound
MARS	microwave atmospheric remote sensor	MECO	main engine cut-off (shuttle)
MARS	Minimally Attended Radar System	MEDEVAC	medical evacuation
MARSSS	Meteorological and Range Safety Support System	MEF	manually entered forecast
MART	Mini-Avion de Reconnaissance Teleiote	MEF	marine expeditionary force
MARV	maneuvering reentry vehicle	MEPPAK	Manpower and Equipment Force Packaging System
MAS	Military Airlift Squadron	MEI	management effectiveness inspection
MASER	microwave amplification by stimulated emission of radiation	MEL	minimum equipment list
MASG	military airlift support group	MEMR	Mobility Equipment and Materials Report
MASS	military airlift support squadron	MEPA	Meteorology and Environmental Protection Administration
MASS	Military Airlift Survivability Study	MEPED	medium energy proton and electron detector (GOES & TIROS)

M

MERIT	Minimum Energy Routes Using Interactive Techniques	min	minute
MES	Management Engineering Squadron	MINOB	Minute Observation (IWRS)
MESL	mission essential subsystem list	MINTSS	MAC intelligence support system
MESO	mesocyclone	MIP	missile impact predicting
MESOTECH	Mesoscale Technical Exchange Group	MIPR	military interdepartmental purchase request
MESS	Meteorological Environmental Scientific Studies	MIPS	million instructions per second
ME/SWA	Middle East/Southwest Asia	MIRACL	Mid-Infrared Advanced Chemical Laser (Navy)
METCON	meteorological conference	MIREP	mission Impairment report
METCON	meteorological control	MIRF	METSAT Imagery Reference File
METEOR	Meteorological Event Oriented Report	MIRV	multiple independently targetable reentry vehicle
METEOR	U.S.S.R weather satellite	MIS	management information system
METEOSAT	(European Geostationary) Meteorological Satellite	MIS	marine information system
METO	maximum except takeoff	MISCAP	mission capability statement
METROMEX	Metropolitan Meteorological Experiment	MISREP	mission report
METSAT	meteorological satellite (generic)	MIST	microbursts and severe thunderstorm
METTIS	Meteorological Satellite Information System (CFWS)	MIT	Massachusetts Institute of Technology
METT-T	mission, enemy, terrain, troops, and time available	MITHRAS	Magnetosphere, Ionosphere, Thermosphere Radar System
METVAN	Meteorological Data Acquisition System	MITS	MAC Imagery Transmission System
MEU	Marine Expeditionary Unit	MIZ	marginal ice zone
MeV	one million electron volts	MIZEX	Margin Ice Zone Experiment (1983)
MF	medium frequency (300 KHz-3 MHz)	MJD	modified Julian date (JD - 2,400,000.5)
MF	microriche	ML	U.S. Munitions List
MFAC	multiplication factor	MLA	multispectral linear array
MFC	major force code	MLD	mixed layer depth
MFF	military free-fall	MLI	Modified Lifted Index
MFM	moveable fine mesh	MLRS	multiple launch rocket system
MFMR	multifrequency microwave radiometer	MLS	microwave landing system
MFU	marine forecast unit	MLT	mag: local time
mg	milligram	MLV	medium launch vehicle
MGA	Meteorological Geoastrophysical Abstracts	MLW	maximum landing weight
MGE	maintenance ground equipment	MM	multipolar magnetic
MGGB	modular guided glide bomb	mm	millimeter
MGRS	Military Grid Reference System	MMC	maintenance control center
MH	magnetic heading	MMC	Martin-Marietta Corporation
MHE	materiel handling equipment	MMCIAC	Metal Matrix Composites Information Analysis Center
MHz	megahertz	MMD	mean mission duration
MI	military intelligence	MMH/FH	maintenance man-hours per flying hour
MIC	maximum instantaneous coverage	MMIC	monolithic microwave integrated circuitry
MIC	meteorologist in charge (NWS)	MMICS	maintenance management information and control system
MIC	microwave integrated circuit	MMIS	Military Man in Space
MICAP	mission capability	MMLS	military microwave landing system
MICAP	mission impairment capability	MMP	massively multiple processor (NASA)
MICOM	U.S. Army Missile Command	MMS	Marines Meteorological Service
MICV	mechanized infantry combat vehicle	MMS	Meteorological Measuring System
MIDS	Multifunctional Information Distribution System	MMTS	Maximum and Minimum Temperature System
MIDDS	Meteorological Interactive Data Display System	MMW	millimeter wave
MIJI	meaconing-intrusion-jamming and interference	MOAT	Mission Opportunities for Airship Technology
mile	mile (spell out)	MOB	main operating base
MILES	Multiple Integrated Laser Engagement System	MOBSS	mobility support squadron
MILNET	Military Network (formerly ARPANET)	MODBLM	Moveable One-Dimensional Boundary Layer Model
MILSAT	military satellite	MODCLIM	modeled climatology program
MILSATCOM	Military Satellite Communications	MODE-S	S-band operational mode
MILSPEC	military specification	MODIS	moderate-resolution imaging spectrometer
MILSTAR	Military Strategic and Tactical Relay (satellite)	MODIS-N	MODIS nadir
MILSTAMP	Military Standard Transportation and Movement Procedures	MODIS-T	MODIS tilt
MIL-STU	military standard (DoD)	MODTRAN	moderate resolution model for LOWTRAN
MILSTEP	military standard evaluation procedure	MOE	model output enhancement
MILSTEP	military supply and transportation evaluation procedures	MOG	maximum on ground
MILSTRIP	Military Standard Requisitioning and Issue Procedures	MOLARS	BMO's bibliographic search database (available through ESA)
MIMIC	microwave/millimeter wave monolithic integrated circuit	MOMS	Map Operator, Maintenance Stations
min	minimum	MONEX	Monsoon Experiment
		MONSEE	Monitoring of Sun-Earth Environment Committee
		month	month

MOP	memorandum of policy (JCS)	MSL	maintenance supply liaison
MOP	mobility operating procedure	MSIP	multistaged improvement program
MOPP	mission-oriented protective posture	MSIS-86	Mass Spectrometer and Incoherent Scatter
MORS	Military Operations Research Symposium	MSL	mean sea level
MOS	model output statistics	MSLP	minimum sea level pressure
MOS/LOS	Marine Observation Satellite/Land Observation Satellite (Japan)	MSM	Magnetospheric Specification Model
MOSS	maintenance operations support set	MSO	microwave sounding unit
MOSS	meteorological observing systems for ships	MSOW	modular standoff weapon
MOSS	military operations support set	MSQ	Marsden Square
MOSS	Mobile Oceanography Support Facility (Navy)	MSS	meteorological satellite specialist
MOU	memorandum of understanding	MSS	Meteorological Sounding System
MP	Marshall-Palmer drop size distribution	MSS	mission support system
MPAS	Mesoscale Weather Prediction and Analysis System	MSS	multispectral scanner
MPC	maximum permissible concentration	MSSP	Multiple Satellite System Package
MPCD	multi-purpose color display	MST	mesosphere stratosphere troposphere
MPD	maximum permissible dose	MST	mission support team
MPE	maximum permissible exposure	MST	Mountain Standard Time
MPE	moist primitive equation	MSU	microwave sounding unit
MPF	mission planning forecast	MTA	MAC transportation authorization
MPH	miles per hour	MTBF	mean time between failures
MPS	mission planning system	MTBR	mean time between removals
MPS	multi-purpose simulator	MTC	main trunk circuit
MPU	mobility processing unit	MTF	message text format
mrad	milliradian	MTF	mission-tailored forecast
MRASS	Modular Radar Analysis Software System	MTF	modulation transfer function
MRBM	medium-range ballistic missile	MTI	Manufacturing Technology Initiative
MRF	medium-range forecast	MTI	moving target indicator
MRF	multipath reliability factor	MTMC	Military Traffic Management Command
MRFS	Medium-Range Forecasting Section (AFGWC)	MTMC	Military Transportation and Movement Control
MRG	movement requirements generator	MTM/D	million tons miles/day
MRIR	medium-resolution infrared radiometer	MTOE	modified table of organization and equipment
MRRPV	medium range RPV (now JSCAMP)	MTOW	maximum takeoff weight
MRT	minimum resolvable temperature	MTP	mission-tailored product
m/s	meters per second	MTTR	mean time to repair
ms	millisecond	MUF	maximum useable frequency
ms	multiple sources	MUFAX	Muirhead facsimile
M.S.	master of science	MULE	modular universal laser equipment
MS TM -DOS	Microsoft TM disk operating system	MULTAN	moisture analysis program
MSB	main staging base	MUST	mobile undersea systems test
MSB	Meteorological Services Division	MV	machine vision
MSC	major subordinate command	MV	magnetic variation
MSC	Meteorological Satellite Coordinator	mV	millivolt
MSC	Military Sealift Command	MVD	median volume diameter
MSC	mission support center	MVFR	marginal VFR
MSD	Munitions Systems Division	MVS	multiple virtual storage
MSE	mission support element	MW	microwave
MSFC	Marshall Space Flight Center	mw	milliwatt
MSI	medium scale integration	MWA	military weather advisory
MSI	mission success indicator	MWL	mountain wavelength
MSI	multisource integrator	MWML	Master Weather Message Listing
MSI	multispectral imaging	MWO	meteorological watch office
MSIP	multistaged improvement program	MWW	mixed weather watch
MSK	mission support kit	MX	missile, experimental
		MXWC	maximum crosswind component

N

N	.....nadir	NCCS	New Computer Communications System (CFWS)
N ₂	.....nitrogen	NCDC	National Climatic Data Center (formerly NCC)
NACA	.....National Advisory Committee for Aeronautics (became NASA in 1958)	NCGS	Nuclear Criteria Group Secretariat
Nadge	.....NATO air defense ground environment	NCL	name/coordinate list
NADIN	.....National Airspace Data Interchange Network	NCMC	NORAD Cheyenne Mountain Complex
NADS	.....North Atlantic Defense System	NCMO	Navigational Aids and Communications Management Office
NADWARN	.....Nationwide Natural Disaster Warning System	NCNR	normalized clutter-to-noise ratio
NAE	.....National Academy of Engineering	NCP	National Climate Program
NAF	.....numbered air force	NCP	Network Control Program (IBM communications software)
NAFAX	.....National Facsimile Network	NCPO	National Climate Program Office
NAFEC	.....Naval Aviation Facilities Experimental Center	NCRS	normalized radar cross-section
NAG	.....Naval Astronautics Group	NCS	network control station
NAI	.....named areas of interest	NDB	nondirectional beacon
NAIC	.....Northeast Artificial Intelligence Consortium (AFSC)	NDBC	NOAA Data Buoy Center
NAIRPA	.....Nuclear Accident/Incident Response and Assistance	NDBO	NOAA Data Buoy Office
NAL	.....National Aerospace Laboratory (Japan)	NDC	National Distribution Circuit
NAMFAX	.....National and Aviation Meteorological Facsimile Network	NDE	nondestructive evaluation
NAMTC	.....Naval Air Missile Test Center	NDHQ	National Defense Headquarters (Canada)
NAOS	.....North Atlantic Ocean Stations	NDI	nondestructive inspection
NAP	.....Night Attack Program	NDIR	nondispersive infrared
NAPS	.....Navy Automated Publishing System	NDRF	National Defense Reserve Fleet
NARDAC	.....Navy Regional Data Automation Center (Norfolk)	NDSC	Network for Detection of Stratospheric Change (NASA, NOAA, WMO, CMA)
NAS	.....National Academy of Sciences	NDT	non-destructive testing
NAS	.....National Advanced Systems™	NDU	National Defense University
NAS	.....National Airspace System	NEACDS	naval emergency air cargo delivery system
NAS	.....Naval Air Station	NEACP	National Emergency Airborne Command Post ("kneecap")
NAS	.....numerical aerodynamic simulation	NEC	National Environment Committee
NASA	.....National Aeronautics and Space Administration (after 1958)	NEDN	Navy Environmental Data Network
NASCOM	.....NASA Communication Center	NEDRES	National Environmental Data Referral Service
NASDA	.....National Space Development Agency (Japan)	NEDS	Navy Environmental Display Station
NASNET	.....National Airspace System Network	NELC	Naval Electronics Laboratory Center
NASP	.....National Aero-Space Plane	NEMA	National Electrical Manufacturers Association
NASP	.....National Airspace System Plan	NEMS	Nimbus-E Microwave Spectrometer
NASS	.....National Agricultural Statistics Service	NEO	noncombatant emergency operations
NATO	.....North Atlantic Treaty Organization	NEPA	National Environmental Protection Act
NATS	.....Naval Air Transport Service	NEPRF	Naval Environmental Prediction Research Facility (now NOARL)
NATS	.....North Atlantic Track System	NERSAC	Naval Environmental Remote Sensing Coordinating and Advisory Committee
NAV	.....navigator	NESDIS	National Environmental Satellite Data and Information Service (NOAA)
NAVAID	.....navigational aid	NESS	National Environmental Satellite Service (NOAA)
NAVAIR	.....Naval Air Systems Command	NET	northern equatorial trough (British term for ITCZ)
NAVDAC	.....Naval Data Automation Command	NET	not earlier than
NAVFOR	.....Navy forces component of a unified command	NETA	Northeast Test Area
NAVOCEANCOM	.....Naval Oceanography Command	NETD	Noise Equivalent Temperature Difference
NAVOCEANCOMCEN	.....Naval Oceanography Command Center	NETEX	Network Executive Program (NSC/GEON)
NAVCCEANCOMDET	.....Naval Oceanography Command Detachment	NETSC	Naval Education Training Support Center
NAVOCEANCOMFAC	.....Naval Oceanography Command Facility	NEXRAD	Next Generation Weather Radar (WSR-88D)
NAVOCEANO	.....Naval Oceanographic Office	NFA	no fire area
NAVSAT	.....navigation satellite	NFOV	narrow field of view
NAVSEA	.....Naval Sea Systems Command	NG	nested grid
NAVSUR	.....Naval Space Surveillance System	NGB	National Guard Bureau
NAWAS	.....National Aviation Weather System	NGDC	National Geophysical Data Center
NAWAS	.....National Warning System	NGM	nested grid model
NAWAU	.....National Aviation Weather Advisory Unit	NGSDC	National Geophysical and Solar-Terrestrial Data Center
nb	.....nanobar (also NB)	NHC	National Hurricane Center (Miami)
NBAA	.....National Business Aircraft Association	NHELTR	National High-Energy Laser Test Range
NBC	.....nuclear, biological, chemical	NHEML	National Hurricane and Experimental Meteorological Laboratory
NBI™	.....New Business Innovations	NHO	Naval Hydrographic Office
NBS	.....National Bureau of Standards		
NCA	.....National Command Authorities		
NCAR	.....National Center for Atmospheric Research		
NCC	.....National Climatic Center (NOAA--now NCDC)		

NHOP	National Hurricane Operations Plan	NPPS	Navy Publications and Printing Service
NHRE	National Hail Research Experiment (NCAR)	NPS	Naval Postgraduate School
NHWS	National Hurricane Warning Service	NPSU	National Public Service Unit
NIE	National Intelligence Estimate	NR	not required
NIFFTE	Non-cooperative IFF Technology Evaluation	NRC	Nuclear Regulatory Commission (formerly AEC)
NIMBUS	Meteorological Satellite System	NRCC	NORAD Regional Control Center
NIS	National Intelligence Survey	NRL	Naval Research Laboratory
NIS	NATO Identification System	NROSS	Navy Remote Ocean Sensing Satellite
NISO	National Information Standards Organization	NRTS	not repairable this station
NIST	National Institute of Standards and Technology	Ns	nimbostratus
NLLTF	night low-level terrain-following	NSA	National Security Act (1947)
NLOS	non-line-of-sight	NSA	National Security Agency
NLT	not later than	NSAP	Navy Science Advisory Program
NLTE	Non Local Thermodynamic Equilibrium	NSBIT	Noise and Sonic Boom Impact Technology
NM	nautical mile (about 6,076)	NSC	National Security Council
nm	nanometer (10^{-9} meter)	NSC	Network Systems Corporation
NMC	National Meteorological Center (NWS)	NSDA	National Space Development Agency (Japan)
NMC	not-mission capable	NSDD	National Security Decision Directive
NMCB	not mission capable, both maintenance and supply	NSDS	Navy Satellite Display Station
NMCC	National Military Command Center	NSF	National Science Foundation
NMCM	not mission capable, maintenance	NSI	nuclear surety inspector
NMCS	not mission capable, supply	NSIDC	National Snow and Ice Data Center
NMCS	national military command system	NSIP	National Senior Intelligence Program
NMCSSC	National Military Command System Support Center	NSL	non-stock listed
NMFS	National Marine Fisheries Service	NSM	National Security Management
NMI	normal mode initialization	NSN	national stock number
NMIC	National Military Intelligence Center	NSNF	non-strategic nuclear forces
NMLS	National Microwave Landing System	NSO	National Solar Observatories
NMR	New Mobile RAPCON	NSSD	National Security Decision Directive
NNEMP	non-nuclear EMP	NSSDC	National Space Science Data Center
NOA	not operating active	NSSFC	National Severe Storms Forecast Center (NWS)
NOAA	National Oceanic and Atmospheric Administration	NSSL	National Severe Storms Laboratory
NOARL	Navy Oceanographic & Atmospheric Research Laboratory (formerly NEPRF)	NST	normalized solar time (Kelly, et al., 1978)
NOC	Naval Oceanography Command	NSTL	National Space Technology Laboratory
NOCC	Naval Oceanography Command Center	NSTP	National Solar Terrestrial Program
NOCD	Naval Oceanography Command Detachment	NSWC	Naval Surface Warfare Center
NODC	National Oceanographic Data Center	NSWP	Non-Soviet Warsaw Pact
NOE	nap of the earth	NSWTG	Naval Special Warfare Task Group
NOGAPS	Navy Operational Global Atmospheric Prediction System	NSWTU	Naval Special Warfare Task Unit
NOGS	night observation gunship	NTB	National Test Bed
NOMSS	National Oceanographic and Meteorological Support System	NTCM	nested tropical cyclone model
NORAD	North American Air Defense Command	NTF	National Test Facility
NORAPS	Naval Operational Regional Atmospheric Prediction System	NTIS	National Technical Information Service
NORDA	Naval Ocean Research and Development Activity	NTM	National Technical Means (SDI)
NORMEDS	North American Meteorological Data System	NTS	Nevada Test Site
NORTHAG	Northern Army Group	NTSB	National Transportation Safety Board
NOS	National Ocean Service	NTWC	National Tsunami Warning Center
NOS	National Ocean Survey (NOAA)	NUAV	New Upper-Air Validator
NOSC	Naval Ocean Systems Center	NUDET	nuclear detonation
NOSS	National Oceanic Satellite System	NUSC	Naval Underwater Systems Center
NOTAM	notice to airmen	NUSSE	Non-Uniform Simple Surface Evaporation
NOTAR	no tail rotor	NVG	night vision goggles
NOTIS®	Northwestern University On-Line Technical Information System	NVI	normalized vegetation index
NOVA 3/12	MSS computer	NVL	Night Vision Laboratory
NOWLAPS	Navy Overwater Local Atmospheric Prediction System	NWC	Naval Weapons Center
NPB	neutral particle beam (SDI)	NWOC	Navy Western Oceanography Center
NPC	NEXRAD Program Council	NWP	numerical weather prediction
NPG	Nuclear Planning Group (NATO)	NWR	NOAA Weather Radio
NPP	net primary productivity	NWRF	Naval Weather Research Facility
		NWS	National Weather Service
		NWS	North Warning System
		NWSC	Naval Weather Service Command
		NWSH	National Weather Service Headquarters
		NWSTC	National Weather Service Training Center
		NWWS	NOAA Weather Wire Service
		NZ	neutral zone

O ₂	oxygen	OPAC	online public access catalog
O ₃	ozone	OPAQUE	Optical Atmospheric Quantities in Europe
OAC	Oceanic Aircraft Coordinator (USN)	OPARS	Optimum Path Aircraft Routing System
OADS	Optimal Airlift Distribution System	OPC	Ocean Product Center
OAMP	Optical Aircraft Measurement Program (SDI/Army-RC-135X)	OPC	optical particle counter
OAO	Office of Aircraft Operations (NOAA)	OPCCON	operational control
OAP	offset aiming point	OPLAN	operations plan
OAR	Office of Oceanic and Atmospheric Research	OPM	Office of Personnel Management
OAS	offensive avionics system	OPM	operational performance monitoring
OASys TM	Office Automation System (NBI)	OPORD	operations order
OAT	outside air temperature	OPR	office of primary responsibility
OB	order of battle	OPREP	operations report
OB/DG	Ocean Breeze/Dry Gulch	OPSEC	operations security
OBOGS	on-board oxygen generating system	OPST	operational probability of success threshold
OC	Operations Center	OPVER	operational verification
OCDS	Operational Climatic Data Summary	ORACLE	Oversight of Resources and Capability for Logistics Effectiveness
OCI	ocean color imager	ORE	operational readiness exercise
OCLC	Online Computer Library Center	ORI	operational readiness inspection
OCR	Office of Collateral Responsibility	ORS	operational radar system
OCR	optical character reader	OS	operating system
OCR	optical character recognition	OSA	operational support airlift
OCZ	Omani Convergence Zone	OS/VS1	Operating System/Virtual Storage 1
OD	olive drab	OSC	Ocean Service Center
ODUSDR&E	Office of the Deputy Under-Secretary of Defense for Research and Engineering (also ODUSDRE)	OSC	operations support center
OEA	Office of Export Administration	OSC	Optical Signatures Code
OECD	Organization for Economic Cooperation and Development	OSD	Office of the Secretary of Defense
OES	Officer Evaluation System	OSD	Office of Systems Development (NWS)
OFCM	Office of the Federal Coordinator for Meteorological Services and Supporting Research	OSE	Observing Systems Experiment
OGE	operating ground equipment	OSF	operations support facility
OGE	out of ground effect	OSP	operational support products
OHM	objective horizontal (weather depiction) model	OSSE	Observing Systems Simulation Experiment
OHP	Operational Hydrology programme(WMO)	OST	order and shipping time
O&I	Organization & Intermediate	OSTA	Optical Sensor Technical Analysis
CI	optimum interpretation	OSTI	Office of Scientific and Technical Information
OIBA	office of industrial base assessment	OSU	Oregon State University
OIVP	optimum interpolation vertical profile	OSV	ocean station vessel
OJCS	Office of the Joint Chiefs of Staff	OT	operate through (SDI)
OJT	On-the-Job Training	OTA	Office of Technology Assessment
OL	operating location	OTDA	operational tactical decision aid
OLDR-O	operational off-line data reduction	OT&E	operational test & evaluation
OLDS	on-line data systems	OTES	Operational Test & Evaluation Squadron
OLR	outgoing longwave radiation	OTH-B	over-the-horizon backscatter
OLS	Operational Linescan System (DMSP)	OTH-F	over-the-horizon forward scatter
OLUS	On-Line User Service	OTH-R	over-the-horizon radar
O&M	operation & maintenance	OTPI	on-top position indicator
OMB	Office of Management and Budget	OTS	Office of Technical Services (NBS)
OMCFP	optimized MAC computer flight plan	OTSR	Optimum Track Ship Routing
OMI	omni-bearing magnetic indicator	O-U	Ornstein-Uhlenbeck
OMS	orbital maneuvering system (shuttle)	OUSD&E	Office of the Undersecretary of Defense for Research and Engineering (also OUSDRE)
OMV	orbit maneuvering vehicle	OWRM	Office of Weather Research and Modification (NOAA)
ONAS	Office of Naval Acquisition Support	OWRM	other war reserve materiel
ONC	operational navigation chart	OWSE-NA	Operational WWW Systems Evaluation for the North Atlantic

P ³	Pre-planned [sic] Product Improvement	PDM	program decision memorandum
PA	point analysis	PODP	position dilution of precision
PA	position analyzer	PDP	program development plan
PA	pressure altitude	PDR	preliminary design review
Pa	Pascal	PDSI	Palmer Drought Severity Index
PAA	primary authorized aircraft	PE	peacetime equivalent
PAC	personal authenticator card	PE	primitive equation
PACAF	Pacific Air Force	PE	program element
PACDIGS	Pacific Digital Graphics System	Pe	probability of error
PACE	Pacific Airlift Center	PEACE	Pacific Enewetak Atoll Crater Exploration (program)
PACMEDS	Pacific Meteorological Data System	PEL	public emergency limits
PACOM	Pacific Command	PEM	program element monitor
PACS	passenger automated check-in system	PEO	Program Executive Officer
PAD	Polar and Auroral Dynamics	PEP	product evaluation program
PAD	program action directive	PEP	Producibility, Engineering, and Planning
PAF	Pakistan Air Force	PEPS	Primary Environmental Processing System
PAF	Philippine Air Force	PERT	Program Evaluation Review Technique
PAID	point analysis identification	PET	potential evapotranspiration
PALS	portable airfield lighting system	PF	planning forecast
PAM	Portable Automated Mesonet	PFJ	polar frontal jet
PAMO	Pacific Airlift Management Office	PFSV	pilot-to-forecaster service
PAMS	Portable Automated Mesonet System	PFTS	Permanent Field Training Site
PAR	precision approach radar	PFW	performance feedback worksheet
PAR	projected automation requirement	PGF	Presentation Graphics Facility (GDDM)
PARS	parachute altitude recognition system	PGM	precision ground mapping
PASS	pure acoustic sounding system	PGM	precision guided munitions
PATS	planar array test set	PGS	Productivity Gain Sharing
PATWAS	Pilot Automatic Telephone Weather Answering Service	PHC	Pacific Hurricane Center
PAV	pressure altitude variation	Ph.D.	doctor of philosophy
PAVE	Principles and Applications of Value Engineering	PHETS	Permanent High-Explosive Test Site (White Sands)
PAWS	phased array warning system	PHI	position and heading indicator
PAX	passengers	PHT	port hold time
PB	particle beam	Pi	irregular pulsation
PBL	planetary boundary layer	PIBAL	pilot balloon
PBO	property book officer	PICE	Project Impact and Customer Evaluation
PBW	particle beam weapon	PIIE	Polar Ionospheric Irregularities Experiment
PC	microcomputer program (AWS)	PIMS	Peacekeeper in Missile Silos
PC	personal computer	PIP	Product Improvement Proposal
Pc	continuous pulsation	PIP	programmable information processor
Pc	probability of correlation	PIREP	pilot report
PC ²	Production Control and Communications	PIRM	pressure ice rate meter
PCA	polar cap absorption	PK	probability of kill
PCAF	PCA (event) forecast	PLDC	Preliminary Local Climatology Data (NCDC)
PCB	printed circuit board	PLEX	Procedural Language Extension
PCD	Pacific Communications Division	PLIF	planar laser-induced fluorescence
PCD	polar cap disturbance	PLRS	position locating and reporting system
PC FLOS	Percent Cloud Free Line of Sight	PLSS	precision location strike system
PCIE	President's Council on Integrity and Efficiency	PM	preventive maintenance
PCL	pulsed chemical laser	PMB	project/program management board
PCLK	PC Link Program (GDDM)	PMC	polar mesospheric cloud
PCN	position code number	PMD	program management directive
PCS	permanent change of station	PME	precision measuring equipment
PC-SMOS	SMOS on floppy disk	PMEL	Pacific Marine Environmental Laboratory
PCSP	Programmed Communications Support Program (now CAP)	PMEL	precision measurement equipment laboratory
PD	position description	PMI	preventive maintenance inspection
Pd	probability of detection	PMO	program management office
PD	Pulse-Doppler (radar)	PMP	probable maximum precipitation
PDC	program data collection	PMP	program management plan
pdf	probable density function	PMQ	portable meteorological equipment
PDHI	Palmer Drought Hydrological Index	PMR	Program Management Review
PDL	program design language	PMS	particle measuring system
PDM	Presidential Decision Memo	PMSV	pilot to-metro service
PDM	programmed depot maintenance	PMTC	Pacific Missile Test Center

P

POES.....	Polar-Orbiting Operational Environmental Satellite	PROG.....	prognosis
PoF.....	conditional probability of frozen precipitation	PROM.....	programmable read-only memory
POI.....	point of interest	PROMIS....	Polar Region Outer Magnetosphere International Study
POL.....	petroleum, oil, and lubricants	PROP.....	programming plan
POLC.....	probability of lightning conditions	PRS.....	project retrieval system
POM.....	Program Objective Memorandum	PRT.....	platinum resistance thermistor
POMO.....	Production Oriented Maintenance Organization	PRT.....	pulse repetition time
POP.....	probability of precipitation	PS.....	Personal System (IBM)
POR.....	period of record	PSAR.....	prepositioned special automation request
POS.....	peacetime operating stock	PSBT.....	pilot self-briefing terminal
POSIDB....	Polar Orbiting Satellite Image Database	PSC.....	passenger service center
PP.....	pearl-type pulsations	Psc.....	sudden commencement pulsations
PP.....	perfect prognosis	PS&D.....	plans, scheduling, & documentation
PP.....	persistence probability	PSI.....	Plan Shear Indicator
PPBS.....	Planning, Programming, Budgeting System	psi.....	pounds per square inch
PPDS.....	point positioning data base	PSP.....	primary supply point
PPI.....	plan position Indicator	PSP.....	perforated steel planking
PPINA.....	PPI not available	PSR.....	packed snow on runway
PPINE.....	PPI no echoes	PSR.....	program status review
PPION.....	PPI out for maintenance	PSR.....	project status report
PPM.....	Pearson Product Moment (formula)	PST.....	Pacific Standard Time
PPS.....	Proton Prediction System	PSYOP.....	psychological operations
PPT.....	port processing time	PSYWAR.....	psychological warfare
PR.....	project report	Pt.....	pulsation trains
PRAM.....	Productivity, Reliability, Availability, and Maintainability (Program)	PTAG.....	provision tactical airlift group
PRAMS.....	passenger reservation and manifesting system	PTAW.....	Provisional Tactical Airlift WING
P-RAWS....	Portable Remote Area Weather Station	PTF.....	payload test facility
PRC.....	passenger service center	PTMU.....	pressure and temperature measuring unit
PRC.....	People's Republic of China	PTWC.....	Pacific Tsunami Warning Center
PRC.....	Program Review Committee	PUP.....	principal user processor (NEXRAD)
PRD.....	program requirements document	PUSSWO..	Partial Uniform Summary of Surface Weather Observations
PREMAP...	precipitation and soil moisture mapping	PVA.....	positive vorticity advection
PRESSURS	Prestrike Surveillance Reconnaissance System	PVD.....	plan view display
PREWAT...	precipitable water (analysis)	PVS-5.....	night vision goggles
PRF.....	pulse repetition frequency	PW.....	precipitable water
PRIDAN....	primary data anomalies	PWC.....	precipitable water content
PRISM.....	Parameterized Real-Time Ionospheric Specification Model	PWI.....	proximity warning indicator
PRL.....	Polar Research Laboratories	PWIN.....	Prototype WWMCCS Intercomputer Network
PROFS.....	Program for Regional Observing and Forecasting Services	PWW.....	point weather warning

QA.....quality assurance
QAA.....quality assurance audit
QAE.....quality assurance evaluator
QBE.....query by example
CBO.....quasi-biannual oscillation
QC.....quality control
QCW.....query code word (AI)
QEC.....quick engine change
QF.....quality factor
QMF.....Query Management Facility

QPE.....quantitative precipitation estimation
QPF.....quantitative precipitation forecast
QRCP.....quick-reaction communications package
QRCT.....quick-reaction communications terminals
QRF.....quick response force
QRL.....quick reference list
QRP.....quick reaction package
QSR.....quick strike reconnaissance
QUOT&E...qualification operational test and evaluation

R

R.....reflectance	RDT&E.....research, development, testing, and evaluation
R.....Bulk Richardson Number	RDTM.....rated distribution and training management
RA.....right ascension	REACT.....Rapid Execution and Combat Targeting
RAA.....Regional Airline Association	READY.....resource augmentation duty
RAAF.....Royal Australian Air Force	REAMOS...remote atmospheric sounding
RACC.....Reparable asset control center	REC.....radioelectronic combat
RADAP II...Radar Data Processor II	RECCO.....reconnaissance code
radar.....radio detection and ranging	RE&D.....Research, Engineering, and Development
RADC.....Rome Air Development Center	REDRAM...Residual Dust and Radiation Model (AFWL)
RAE.....Royal Aerospace Establishment (UK)	REEDM.....Rocket Exhaust Effluent Diffusion Model
RAF.....Royal Air Force	REEP.....Regression Estimation of Event Probability
RAF-T.....reconnaissance attack fighter-trainer	REFORGER.....Return of Forces to Germany
RAFAX.....radar facsimile	REMBASS.....Remote Battlefield Sensor System
RAID.....Robotics/Artificial Intelligence Database	REMETs...requirements for meteorological support
RAIDS.....Radar Airborne Intrusion Detection System	REMS.....Range Environment Monitoring System
RAM.....radar absorbent material	RESCAP.....Rescue Combat Air Patrol
RAM.....raised angle marker	RESHAPE.....Resource, Self-Help, Affordability, Planning Effort
RAM.....random access memory	RESOLVE.....research on operations limiting visual extinction
RAM.....rated aircrew management	RF.....radio frequency
RAM.....reliability, availability, and maintainability	RFA.....restricted fire area
RAMOS.....Remote Automatic Meteorological Observing Station (NWS)	RFC.....River Forecast Center (NWS)
RAMS.....Remote Attitude Measurement Systems	RFD.....rear flank downdraft
RANSAC ...range surveillance aircraft	RFI.....radio frequency interference
RAOB.....radiosonde observation	RFP.....request for proposal
RAP.....RAOB-based Vertical Profile	RGDAC.....rain gage data acquisition computer
RAPCON...radar approach control	RGON.....Remote Geophysical Observing Network
RAPID.....Remote Atmospheric Probing Information Display (GL)	RH.....relative humidity
RAPTAD...Random Particle Transport and Diffusion	RHI.....range height indicator
RAREP.....radar report	RHINO.....RHI not operational
RAS.....radar absorbing structure	RHS.....right hand side
RAS.....rectified airspeed	RI.....readiness indicator
RASS.....radio acoustic sounding system	RIA.....Rawinsonde Initial Analysis
RAT.....ram air turbine	RIA.....Rock Island Arsenal
R&AT.....Research and Advanced Technology (CDUSDRE)	RID.....routing identifier
RATS.....Radio Automatic Theodolite Sounder	RIG.....readiness initiative group
RATT.....radioteletype	RIM.....Retrieval Interface Manager (STILAS)
RAWARC ..Radar Reports and Warning Coordination System	RIM.....Rocketsonde Initiatives Meeting
RAWIN.....rawinsonde (observation)	RIMS.....radio interference measuring set
RAWS.....Range Automated Weather Stations	RIP.....Raster Image Processor (NBI)
RAWS.....Range Automated Weather System	RISOP.....rapid interval scan operations
RAWS.....remote automated weather station	RIW.....reliability improvement warranty
RB.....background reflectance	RJAF.....Royal Jordanian Air Force
RBC.....rotating beam ceilometer	RLG.....ring laser gyro
RBS.....regional briefing station	R&M.....Reliability and Maintainability
RBS.....regional broadcast system	RMAF.....Royal Malaysian Air Force
R&C.....review & comment	RMC.....regional meteorological center
RCA TM.....Radio Corporation of America	RME.....Relay Mirror Experiment
RCC.....Rescue Coordination Center	RMEC.....Rated Management Executive Committee
RCC/MG....Range Commanders Council/Meteorology Group	RMI.....radio magnetic indicator
RCD.....Research and Acquisition Communications Division	RMP.....reprogrammable microprocessor
RCE.....reaction control equipment	RMS.....range measuring system
RCM.....radar coded message	RMS.....recovery management support
RC&M.....Radar Control and Monitor	rms.....root mean square
RCO.....remote-controlled observation	RMSE.....root mean square error
RCR.....runway condition reading	RMSVE.....root mean square vector error
RCRNR ....RCR no report	RNG.....range
RCS.....radar cross section	RNODC ..Responsible National Oceanographic Data Centres
RCS.....reaction control system (shuttle)	RNZAF ..Royal New Zealand Air Force
R&D.....research and development	ROADMAPS ..software conversion for SESS
RDA.....radar data acquisition (NEXRAD)	ROBEPS.....radar operating below expected performance standards
RDBMS ..Relational Database Management System	ROC ..required operational capability
RDC.....regional descriptive climatology	ROCC.....Regional Operations Control Center (NORAD)
RDD.....required delivery date	ROCOB ..rocketsonde observation
RDSS.....radio determination satellite services (ITU)	ROCS ..Rawinsonde Observation Climatic Summary
	ROE.....Rules of Engagement

ROK.....	Republic of Korea	R/T.....	receiver/transmitter
ROM.....	read-only memory	R&T.....	Research and Technology
ROMS.....	Remote Ocean Surface Measuring System	RTA.....	remote terminal for AFOS, Royal Thai Army
ROS.....	read-only storage	RTAB.....	route threat assessment brief
ROS.....	remote optical sensor	RTADS.....	Royal Thai Air Defense System
ROS.....	representative observing site	RTAF.....	Royal Thai Air Force
ROSA.....	Remote Observation System Automation	RTB.....	return to base
ROSCOE.....	Radar-Optical Systems Code (DNA)	RTD.....	delayed transmission
ROSE.....	Rising Observation Sphere Evaluation	RTD.....	real-time data
ROTHR.....	relocatable over-the-horizon radar	RTG.....	radioisotope thermoelectric generator
ROV.....	remotely operated vehicle	RTH.....	Regional Telecommunication Hub(WWW)
ROWPUS	Reverse Osmosis Water Purification Unit	RTI.....	Research Triangle Institute
ROZ.....	restricted operating zone	RTIR.....	Real Time Infrared
RP.....	repetitive pulse	RTLS.....	return to launch site
RPA.....	remotely piloted aircraft	RTM.....	receiver-transmitter modulator
RPC.....	reparable processing center	RTNEPH.....	real-time nephanalysis
RPE.....	Radar Parabolic Equation	RTOS.....	real-time operating system
RPG.....	radar product generator (WSR-88D)	RTS.....	remote tracking station
RPL.....	Rocket Propulsion Laboratory (see AFAL.)	RTTY.....	radio teletype
RPRV.....	remotely piloted research vehicle	RTU.....	replacement training unit
RPV.....	remotely piloted vehicle	RTV.....	room temperature vulcanizer (shuttle)
RRA.....	range reference atmosphere	RTWAPS.....	Real Time Winds Aloft Processing System
RRF.....	ready reserve force	RUSSWO	Revised Uniform Summary of Surface Weather Observations
RRR.....	rapid runway repair	RV.....	reentry vehicle
RRR.....	remove, repair, and replace	RV.....	runway visibility
RRSD.....	research rapid scan days	RVR.....	runway visual range
RRWDS.....	Radar Remoting Weather Display System	RVT.....	revisit times
RS.....	record special	R/W.....	read/write
RSAF.....	Republic of Singapore Air Force	RWAS.....	Radar Warning Attack System
RSAF.....	Royal Saudi Air Force	RWC.....	rainfall water content
RSAF C3	RSAF Control, and Communications System (Peace Shield)	RWC.....	regional warning center
RSD.....	raindrop size distribution	RWM.....	Relocatable Window Model
RSDB.....	raw satellite database (SDHS)	RWOS.....	representative weather observing site
RSRE.....	Royal Signal Radar Establishment (UK)	RWR.....	Radar Warning Receiver
RSTN.....	radio solar telescope network	RWS.....	regional weather station
RT.....	target reflectance	RYT.....	reference year tape

S

SA	hourly aviation observation(s)	SBUV	Solar Backscatter Ultraviolet
SA	solar angle	SBWASS	space-based wide area surveillance system
SA	solar array	S/C	Ratio of signal power to clutter power
SA	solar elevation angle	Sc	stratocumulus
SAAF	South African Air Force	SCAMS	Scanning Microwave Spectrometer
SAAM	specially-assigned airlift mission	SCAP	systems concept and procedures (DMSP)
SAB	Satellite Analysis Branch (NESDIS)	SCAR	Scientific Committee on Antarctic Research (ICSU)
SAB	Scientific Advisory Board (USAF)	SCAR	Scientific Committee on Solar Terrestrial Physics
SABR	Space-Based Interceptor	SCAS	stability and control augmentation system
SABLE	South Atlantic Backscatter Lidar Experiment	SCATANA	security control of air traffic and air navigation aids
SAC	Strategic Air Command	SCATHA	spacecraft charging at high altitude
SACDIN	SAC Digital Information Network	SCATR	specific CAT risk
SACEUR	Supreme Allied Commander Europe	SCD	Strategic Communications Division
SADARM	Sense and Destroy Armor	SCDB	SESS climatological database
SADS	summarized analysis data set	SCF	Satellite Control Facility
SAFE	safe area for evasion	SCI	sensitive compartmented information
SAGE	Semi-Automatic Ground Environment	Sci	Science Institute
SAGE	Stratospheric and Aerosol Gas Experiment	SCIF	Sensitive Compartmented Information Facility
SAIC	Science Applications International Corporation	SCIS	Survivable Communications Integration System
SAL	semiaactive laser	SCIT	System Concept and Integrated Technologies
SAL	supply authorization list	SCM	SDI control module, self-contained munitions
SALT	Strategic Arms Limitation Talks	SCM	Successive Correction Method
SAM	Schwarz alternating method	SCNA	sudden cosmic noise absorption
SAM	special airlift mission	SCNS	self-contained navigation system
SAM	surface-to-air missile	SCOASO	Small Computer/Office Automation Service Organization
SAMS	Surface Automated Meteorological System (ASL--Army)	SCOPA	Survivable Concentrator Photovoltaic Array (SDI)
SAMSO	Space and Missile Systems Organization (USAF)	SCOPE	Scientific Committee on Problems of the Environment (ICSU)
SAMTEC	Space and Missile Test Center (SD)	SCOR	Scientific Committee on Oceanic Research (ICSU)
SAN	Systems Advisory Notice	SCORES	Scenario-Oriented Recurring Evaluation System
SAO	surface airways observation	SCOSTEP	Scientific Committee on Solar Terrestrial Physics (ICSU)
SAR	search and rescue	SCR	support change request
SAR	special automation request	SCRIBE	Stratospheric Cryogenic Interferometer Balloon Experiment
SAR	Subcommittee for Atmospheric Research (formerly ICAS)	SCS	Station Climatic Summary (USAFTAC, Navy)
SAR	support assistance request	SCTC	Small Computer Technical Center
SAR	synthetic aperture radar	SCTS	space cargo transportation system
SARSAT	Search and Rescue Satellite--Aided Tracking	SCW	superimposed code words (AI)
SAS	stability augmentation system	SD	radar report
SASC®	Statistical Analysis System	SD	semidiometer
SASC	Senate Armed Services Committee	SD	Space Division (now SSD)
SASC	Systems and Applied Sciences Corporation	SD	standard deviation
SASS	SEASAT-A Scatterometer System	SD	storm detection
SASS	Strategic Airborne Surveillance System	S/DB	Synchronizer/Data Buffer (GOES)
SATAF	Site Activation Task Force (NASA)	SDC	Space Data Corporation
SATB	standard airdrop training bundle	SDC	Strategic Defense Command
SATCOM	satellite communications	SDF	software development facility
SATKA	Surveillance, Acquisition, Tracking, and Kill Assessment (SDI)	SDN	System Development Notification (WWMCCS)
SATO	Scheduled Airline Traffic Office	SDHS	Satellite Data Handling System
SATS	small airfield for tactical support	SDI	Strategic Defense Initiative
SATS	small arms target system	SDIO	SDI Office
SATTEL	satellite telemetry system	SDL	Space Development Laboratory (ERL)
SAV	staff assistance visit	SDLC	sync data line control
SAW	surface acoustic wave	SDM	selective display mode
SAWRS	supplementary aviation weather reporting station	SDMFAX	SDM facsimile
SAWS	silent attack warning system	SDO	senior duty officer
SB	subject bibliography	SDO	Systems Development Office (NWS)
S-BAND	2.7-3.0 GHz	SDP	Software Development Plan
SBEV	Space-Based Experimental Version (SDI)	SDS	Strategic Defense System (SDI)
SBI	space-based interceptor (SDI)	SDSD	Satellite Data Services Division (NOAA NCC) [Washington, D.C. 20233]
SSI	Special Background Investigation	SEA	Southeast Asia
SBIN	Selective Bibliographic Input Network	SEAL	Sea-Air Land (Navy Special Forces)
SBKKV	space-based kinetic kill vehicles (SDI)	SEAS	Shipboard Environmental Acquisition Systems
SBR	space-based radar		
SBRSS	surface-based radar surveillance system		

SEASAT	Oceanic Observing Satellite (Navy)	SIA	sudden ionospheric absorption
SECDEF	Secretary of Defense	SICBM	small ICBM
sec	second	SID	standard instrument departure
sec	secant	SID	sudden ionospheric disturbance (SESS)
SEEP	stimulated emission of energetic particles	SIDS	Satellite Imagery Dissemination System
SFSS	Satellite Field Services Station	SIF	selective identification feature
SEG	Scientific Evaluation Group	SIG WX	significant weather
SEI	Software Engineering Institute (operated by Carnegie-Mellon Institute for USAF Electronic Systems Command)	SIG-Space	Senior Interagency Group for Space
SEI	special experience identifier	SIGMET	significant meteorological information (report)
SEL	Space Environment Laboratory	SIGRAD	significant radar message
SELS	severe local storms (forecasting unit-NWS)	SIM	Satellite Interpretation Message
SEM	Space Environment Monitor (NASA)	sin	sine
SENT	Severe Environmental Nostip Test	SINPO	signal (strength), interference, noise, propagation (conditions), overall (circuit evaluation)
SENTAR	Senior Engineering Technology Assessment Review	SIO	Scripps Institute of Oceanography (La Jolla, CA)
SEON	Solar Electrooptical Observing Network	SIO	Security Intelligence Office
SEP	system engineering project	SIOP	Single Integrated Operations Plan
SEQUAL	Seasonal Equatorial Atlantic Study	SIP	software improvement program
SERI	Solar Energy Research Institute	SIRS	Satellite Infrared Spectrometer
SES	sudden enhancement of signal	SIS	Systems Integration Study
SESAME	Severe Environmental Storms and Mesoscale Experiment (ERL)	SISEX	Shuttle Imaging Spectrometer Experiment
SESB	Space Environmental Support Branch (AFGWC--also AFGWC/WSE)	SITA	International Society of Aeronautic Telecommunications
SESC	Space Environment Services Center (NOAA)	SITCLIM	situation climatic brief
SESS	Space Environmental Support System	SITREP	situation (significant event) report
SET	southern equatorial trough	SKE	station keeping equipment
SETT	Space Environmental Technical Transition	SL	severe left-moving supercell
SEVOCCS	Secure Voice Command and Control System	SLAM	standoff land-attack missile
SEWC	Surviving and Enduring Weather Capability	SLAM	surface land attack missile
SF	scheduling forecast	SLAR	side-looking airborne radar
SF	Special Forces	SLAT	supersonic low altitude target
SFA	sudden field anomaly	SLBD	Sealite Beam Director
SFC	Space Forecast Center (Falcon AFS, CO)	SLBM	submarine-launched ballistic missile
SFCSUM	surface summary (an early predecessor of RUSSWO)	SLC	space launch complex
SFD	sudden frequency deviation	SLEP	service life extension program
SFE	solar flare effect	SLF	shuttle landing facility
SFEL	standard facility equipment list	SLIP	software for satellite image processing
SFG	Special Forces Group	SLKT	survivability, lethality, and key technologies
SFOB	Special Forces Operations Base	SLOS	sunny line-of-sight
SFSS	Satellite Field Service Station (NWS)	SLP	sea level pressure
SFU	solar flux unit	SLR	slush on runway
SFU	standard flux unit	SLRS	South-Looking Radar System
SFVAL	surface validation	SLS-1/2	Spacelab Life Sciences (missions)
SFW	sensor-fuzed weapon	SLU	St Louis University
SGAS	Solar Geophysical Activity Summary	SLV	space launch vehicle
SGDB	satellite global database	SM	system manager
SHA	sidereal hour angle	SMALC	Sacramento Air Logistics Center
SHAD	stellar horizon atmospheric dispersion	SMCC	Systems Monitoring and Coordination Center
SHALWV	shallow water wave	SMDPS	Strategic Mission Data Preparation System
SHARC	Strategic High-Altitude Radiance Code	SMILS	Sonobuoy Missile Impact Locating System
SHARP	Simplified Hazardous Air Release Program	SMM	scalar maximum mission
SHARP	stationary high altitude research platform	SMMR	scanning multichannel (or multifrequency) microwave radiometer
SHARPS	Ship-Helicopter Acoustic Range Prediction System	SMO	staff meteorological officer
SHEF	standard hydrologic exchange format	SMOP	Satellite Measurement of Oceanographic Parameters
SHEP	solar high-energy particle	SMOR	Summary of Meteorological Observations, Radiosonde/ Rawinsonde (Navy)
SHF	super high frequency (3 Ghz-30 GHz)	SMOS	Summary of Meteorological Observations, Surface (Navy)
SHIN	Southern Hemisphere Ionosonde Network	SMOTEC	Special Missions Operations Test and Evaluation Center
shoran	short-range navigation	SMP/E	System Modification Program/Extended
SI	Showalter Index	SMOE	single multiquadratic equation
SI	stability index	SMRP	Satellite and Meteorology Research Project
SI	sudden impulse	SMRWG	Science and Mission Requirements Working Group (NASA)
SI	System International d'Unites (International System of Units)		

S

SMS.....	Synchronous Meteorological Satellite (GOES)	SOT.....	state of target
SMSI.....	simulated mission success indicator	SOTA.....	state of the art
SMSRC	Standard Multiuser Small Computer Requirements Contract	SOU.....	statement of understanding
SMP.....	sub motor pool	SOUTHAF	U.S. Air Forces, U.S. Southern Command
SMTD	STOL and maneuver technology demonstrator (F-15B)	SOW.....	special operations wing
SMY/SMA	solar maximum year/solar maximum analysis	SOW.....	statement of work
S/N.....	signal-to-noise	SOWM.....	Spectral Ocean Wave Model (FNOC)
SNF.....	short-range nuclear forces	SOWT.....	special operations weather team
S/NF.....	Secret/Noform	SPA	system product assistance
SNOSEP	snow (depth) analysis model	SPA	system productivity application
SNOW	system normalized for winter	SPACECOM	AF Space Command
SNR.....	signal-to-noise ratio	SPADATS	Space Detection and Tracking System
SO.....	Southern Oscillation	SPADOC	Space Defense Operations Center (SPACECOM)
SO.....	Special Operations	SPADS	Satellite (data) Processing and Display System (NEPRF)
SOA.....	Separate Operating Agency	SPAN.....	Solar Proton Alert Network
SOAP.....	Spectrometric Oil Analysis Program	SPAN.....	Space Physics Analysis Network
SOAR.....	Sonar Ocean Acoustic Response	SPAR.....	site performance and application report
SOARG.....	Squadron Operations Automation Review Group	SPAWAR	Space and Naval Warfare Systems Command
SOARS.....	Satellite Onboard Attack Combined Munition	SPC	satellite processing center
SOB.....	Special Operations Base	SPC	System Performance Code
SOC.....	Satellite Operations Center	SPCD.....	Space Communications Division
SOC.....	Sector Operations Center (NATO)	SPCZ.....	South Pacific Convergence Zone
SOC.....	Special Operations Command (U.S.)	SPEAR	Space Power Experiments Aboard Rocket (SDI)
SOC.....	systems operational concept	SPIE	International Society for Optical Engineering
SOCC	Satellite Operations Control Center (NESDIS)	SPM.....	surface potential monitor (FMDS)
SOCCE	Special Operations Contingency Communications Element	SPN	Shared Processing Network
SOCCENT	Special Operations Command Central	SPO.....	System Program Office (ASD)
SOCCT.....	Special Operations Combat Control Team	SPOL.....	spiral overlay
SOCEUR	Special Operations Command Europe	SPR.....	Software Problem Report
SOCLANT	Special Operations Command Atlantic	SPRS.....	single passenger reservation system
SOCOM.....	Special Operations Command	SQ	squadron
SOCPAC	Special Operations Command Pacific	SQA.....	software quality assurance
SOCS	Surface Observation Climatic Summary	SQC.....	Statistical Quality Control
SOCSSOUTH	Special Operations Command South	SQL.....	Structured Query Language
SOCUS.....	sound focus	SQL/DS	Structure Query Language/Data System
SOD.....	summary of day	SQUID	Superconducting Quantum Interference Detector
SODAR.....	sound detection and ranging	SR.....	scanning radiometer
SODO.....	senior operations duty officer	SR.....	severe right-moving supercell
SOF.....	Special Operations Forces	sr.....	stiradian
SOF.....	supervisor of flying	SRA.....	Systems Requirements Analysis
SOFA.....	single organization for airlift	SRAM.....	short-range attack missile
SOFA.....	status of forces agreement	SRAM.....	surveillance system anti-missile
SOG.....	(1000th) Satellite Operations Group (1000th SOG-SPACECOM)	SRB	solid rocket booster
SOI.....	Southern Oscillation Index	SREMP	source region electromagnetic pulse
SOLL.....	special operations low-level	SRI.....	Standard Research Institute
SOLMF	solar mean field (polarity)	SRL.....	Systems Research Laboratories
SOLRAD	solar radiation	SRMU	solid rocket motor unit
SOLRAD.....	surface solar radiation network	SRP	Sealift Readiness Program
SOLSRT	solar data set	SRP	Selective Reconnaissance Program
SOM.....	start of message	SRR.....	survivability, recovery, and reconstitution
SON.....	statement of operational need	SRT	scheduled return time
Sonar.....	sonic navigation and ranging	SRU	shop replacement unit
SONW	state of the natural world	SRV	slant-range visibility
SOON	Solar Observing Optical Network	SS.....	special study
SOP.....	standing operating procedure	SSAN.....	social security account number
SOPC	Shuttle Operations and Planning Complex	SSB	single sideband
SOR.....	Starfire Optical Range (AFWL)	SSBN.....	nuclear ballistic missile submarine
SOR.....	statement of requirements	SSC	science steering committee
SORD	Systems Operational Requirements Document	SSC	standard systems center
SORTS	Status of Resource and Training Systems	SSC	sudden storm commencement
SOS.....	Squadron Officer School	SSD	Space Systems Division, Los Angeles
SOSUS.....	Sound Surveillance System (Navy)	SSEC	Space Science Engineering Center (UW)
		SSEOP	Space Shuttle Earth Observation Project
		SSH	DMSP IR temperature sounder
		SSI	Showalter stability index

SSI.....	storm strength indicator	STINFO.....	scientific and technical information
SSIES.....	special sensor for ions, electrons, and scintillation	STIP.....	Scientific and Technical Information Program
SSIMF.....	solar sector inferred magnetic field (polarity)	STIP.....	stored low-rate data
SSJ.....	special sensor--dosimeter (DMSP)	STIP.....	study of traveling interplanetary phenomena
SSL.....	spares support list	STIWG.....	Satellite Telemetry Interagency Working Group
SSMI.....	SSM imager (DMSP, multi-frequency/channel)	STJ.....	subtropical jet
SSMIS.....	Special Sensor Microwave Imager Sounder (DMSP Block 5D-3)	STOL.....	short takeoff and landing
SSM/T.....	SSM temperature sounder (DMSP)	STORM.....	Stormscale Operational and Research Meteorology
SSME.....	space shuttle main engine	STOVL.....	short takeoff & vertical landing
SSMI.....	special sensor microwave imager (DMSP)	STP.....	Solar Terrestrial Physics
SSMIS.....	special sensor microwave imager sounder	STP.....	standard temperature and pressure
SSMO.....	Summary of Synoptic Meteorological Observations (Navy)	STR.....	Space Test Range
SSN.....	solar sunspot number	STR.....	subtropical ridge
SSN.....	nuclear attack submarine	STRADAP.....	Storm Radar Data Processor
SSNI.....	effective sunspot number	STRAPP.....	standard tank, rack, adapter, and pylon package
SSO.....	Special Security Office	STRATSEC.....	Strategic Survivable and Enduring Communications
SSP.....	special strategic programs	STREX.....	Storm Transfer and Response Experiment
SSPA.....	solid-state phased-array	STS.....	space transportation system
SSR.....	secondary surveillance radar	STT.....	Small Target Testing
SSR.....	surface-search radar	STX.....	S-band transmitter
SST.....	sea surface temperature	STY.....	super typhoon
SST.....	supersonic transport	SUBCOM.....	subordinate command
SSTS.....	Space Surveillance and Tracking System (SDI)	SUNARC.....	a simulation program
SSU.....	stratospheric sounding unit (TOVS)	SUNYA.....	State University of New York at Albany
SSUV.....	vacuum ultraviolet spectrometer (DMSP sensor system)	SUPER.....	Survivable Solar Power Array (SDI)
S/T.....	short ton (2,000 lbs)	SUPREP.....	supplementary surface weather report
ST.....	stratosphere troposphere	SUPT.....	specialized UPT
ST.....	subtropical	SURVR.....	Sensor Upgrade, Runway Visual Range
St.....	stratus	SVD.....	standard vector deviation
Staffmet.....	staff meteorologist	SVR.....	slant visual range
STALO.....	stable local oscillator	SW.....	shortwave
STAMP.....	standard air munitions package	SW-M-I.....	solar wind-magnetosphere-ionosphere
STANAG.....	standardization agreement (NATO)	SWA.....	severe weather analysis
STAR.....	Stability Array (NCDC)	SWA.....	Southwest Asia
STAR.....	surface-to-air recovery	SWA.....	staff weather advisor
STARLAB.....	an optical rocket plume experiment	SWAD.....	severe weather analysis display
STARS.....	Surveillance and Target Attack Radar System	SWANEA.....	Southwest Asia--Northeast Africa
STARS.....	Stored Terrain and Access Retrieval System	SWAP.....	Severe Weather Avoidance Plan
START.....	Strategic Arms Reduction Talks	SWEAT.....	severe weather threat (index)
STC.....	Satellite Test Center	SWF.....	shortwave fadeout
STC.....	sensitivity time control	SWFAS.....	Survivable Weather and Fallout Assessment System
STC.....	Space Technology Center	SWG.....	systems working group
STC.....	Storage Technology Corporation™	SWHQ.....	static war headquarters
STD.....	standard tape deck	SWI.....	simulated weather impact indicator
STDE.....	standard development of the error	SWIS.....	Satellite Weather Information Service
STEP.....	Solar-Terrestrial Energy Program	SWMT.....	Severe Weather Management Team
STEP.....	Stratosphere Troposphere Exchange Program	SWO.....	staff weather officer
STF.....	station file tapes	SWOE.....	Smart Weapons Operability Enhancement
STG.....	special tactics group	SWOKIT.....	SWO kit
STILAS.....	Scientific and Technical Information Library Automation System	SWP.....	severe weather probability
		SWR.....	stability wind rose
		SXI.....	solar X-ray imager
		SYDEP.....	six year defense program
		SYNCOM.....	synchronous communications (satellite)

T

T	tesla	TARWE	target area weather information
T	thunderstorm	TARWI	target weather indicator
T	tilt	TAS	tactical airlift squadron
T ²	technology transfer	TAS	target acquisition system
TA	table of allowance	TAS	Technical Activities Summary (2WS)
TA	technical advisor	TAS	true airspeed
TA	terrain-avoidance	TASC	The Analytical Sciences Corporation
TAACOM	Theater Army Area Command	TASM	Tomahawk Anti-Shipping Missile
TA-DIL-J	Tactical Digital Information Link-J	TASO	Terminal Area Security Officer
TAAs	total area affected	TASS	Tactical Air Support Squadron
TAADS	The Army Authorization Document System	TATDA	Target Acquisition Tactical Decision Aid
TAB	tactical airbase	TATS	Tactical Airlift Training Squadron
TAB	Technical Abstract Bulletin (DTIC)	TATS	Tactical Air Transportation System
TABILS	Target and Background Information Library System	TAW	Tactical Airlift Wing
TABS	tactical airborne beacon system	TAWDS	Transportable Automated Weather Distribution System
TABS	tactical air-land battle simulator	TAWS	Terrain Analysis Workstation (USAETL)
TABWDS	tactical airbase weather dissemination system	TAXI	Total Auroral X-Ray Index
TABWS	tactical airbase weather station	TBIRD	Tactical Bistatic Radar Demonstration
TAC	Tactical Air Command	TBM	terabit memory
TAC	Technical Advisory Committee on Weather Design Conditions (ASHRAE)	TBO	time between overhauls
TAC	terminal access controller	TBUS	APT predict message
TAC	terrain analysis center (Army)	TC	technical catalog
TACAN	tactical air navigation	TC	transit corridor
TACC	Tactical Air Control Center	TC	tropical cyclone
TACFIRE	Tactical Fire Direction System	TC	true course
TACMET	tactical meteorological (equipment)	TCARC	Tropical Cyclone Aircraft Reconnaissance Coordinator
TACOM	Tank Automotive Command (Army)	T/CAS	Traffic/Alert Collision Avoidance System
TACP	Tactical Air Control Party	TCATA	TRADOC Combined Arms Testing Facility (Army)
TACR	Tactical Air Command Regulation	TCB	trusted computer base
TACS	Tactical Air Control System	TCC	Transportation Component Command
TACSI	Tactical Air Control System Improvements	TCD	Tactical Communications Division
TACSIM	tactical simulation	TCFA	tropical cyclone formation alert
TACTERM	Tactical Satellite Terminal	TCHD	Tactical Cloud Height Detector
TACWIND	Tactical Wind Measuring Set (AN/TMQ-36)	TCLBS	Tropical Constant Level Balloon System
TADS/PNVS	target-acquisition designation sight/pilot night vision sensor	TCM	target contrast model
TAE	tactical aeromedical evacuation	TCM	thermal contrast model
TAE	tactical airlift element	TCO	Test Control Office
TAF	Tactical Air Force	TCP	technical change proposal
TAF	terminal aerodrome forecast	TCP	Tropical Cyclone Programme(WMO)
TAFVER	TAF verification	TCSM	Tropospheric Chemistry Systems Model
TAG	tactical airlift group	TCV	technical consultant visit
TAIS	Tactical Air Intelligence System	TCV	terminal configured vehicle
TAL	trans atlantic abort landing (NASA)	TCu	towering cumulus
TALAR	tactical landing approach radar	TD	tropical depression
TALCE	tactical airlift control element	TD-MaRV	Technology Demonstrator-Maneuvering reentry Vehicle
TALM-C	Tomahawk Land Attack Missile, Conventional	TDA	table of distribution and allowances (Army)
TALO	Tactical Airlift Liaison Officer	TDA	tactical decision aid
TALON	Tactical Air-Land Operational Model	TDD	Target Detector Device
TAM	target-activated munitions	TDF	tactical digital facsimile
TAM	theater airlift manager	TDF	tape data family
TAMS	theater airlift management system	TDL	Techniques Development Laboratory (NWS)
tan	tangent	TDM	Tropospheric Delay Model
TANS	tactical air navigation system	TDO	Typhoon Duty Officer
TAOC	Tactical Air Operations Center	TDR	temperature data record
TAOM	Tactical Air Operations Module	TDR	terminal doppler radar
TAPT	typhoon acceleration prediction technique	TDR	total distance remaining
TAR	tactical air reconnaissance	TDR	tracking & data relay
TAR	target acquisition range	TDRS	Tracking and Data Relay Satellite (NASA)
TARADCOM	Tank and Automotive Research and Development Command	TDRSS	Tracking and Data Relay Satellite System
TAREWS	tactical air reconnaissance EW system	TDWR	Terminal Doppler Weather Radar
TARPS	Tactical Air Reconnaissance Pod System	T&E	Test and Evaluation
TARS	Tactical Air Reconnaissance System	TEB	temperature error bound
		TEC	total electron content

TECOM	Test and Evaluation Command (Army)	TM	thematic mapper (NASA)
TED	Total (particle) Energy Detector (TIROS)	TM	training manual (Army)
TEDS	tactical expendable drone system	TMA	target motion analysis
TEL	transporter/erector/launcher	TMA	traffic management agency
TELCO	total electron content	TMD	tactical mission data
TEMP	Test & Evaluation Master Plan, MOS temperature	TMF	The MAC Flyer
TEMPLAR	Tactical Expert Mission Planner	TMO	Table Mountain Observatory
TEP	trans-equatorial propagation	TMOS	Tactical Meteorological Observing Set (AN/TMQ-34)
TERB	time enroute bulletin	TMQ	tactical meteorological equipment
TERCOM	terrain contour matching	TMSS	Tactical Meteorological Satellite System
TEREC	Tactical Electronics Reconnaissance Camera	TMY	typical meteorological year
TESS	Tactical Environmental Support System (Navy)	TN	technical note
TEWS	Tactical Electronic Warfare System	TNT	transient noise transmission
TEXS	tactical explosive system (Army)	TO	take off
TF	terminal forecast	TO	technical order
TF	terrain-following	TOA	time of arrival
TF	thermal fine (DMSP imagery)	TOA	total obligatory authority
TFES	Thunderstorm Forecasting Expert System	TOC	tactical operations center
TFM	terminal forecast model	TOCC	Test Operations Control Center (ETR)
TFR	terrain-following radar	TOD	takeoff distance
TFRN	terminal forecast reference notebook	TOD	time of day
TFU	tactical forecast unit	TOE	table of equipment
TFWC	Tactical Fighter Weapons Center	TOE	table of organization and equipment
TG/CIDE	Task Group for Communication Interfaces and Data Exchange	TOGA	Tropical Oceans and Global Atmosphere programme(WCRP)
TG/SIS	Task Group on Surface Instrumentation Standards	TOLD	takeoff and landing data
TGCM	thermospheric general circulation model	TOMS	Total ozone mapping spectrometer
TGSS	Tactical Ground Sensor System	ton	ton
THC	toxic hazard corridor	TOPEX	Topographic Experiment
THD	true heading	TOPS	Thermodynamic Ocean Prediction System
THIR	temperature-humidity infrared radiometer	TOS	Tactical Operations System
3DNEPH	3-dimensional nephanalysis	TOSI	technical on-site inspection
THz	terahertz	TOT	time on/over target
TI TM	Texas Instruments	TOT	takeoff time
TI	technical index (AWS)	TOTO	Tongue of the Ocean
TIE	Tailored Import/Export (NBI software)	TOVS	TIROS operational vertical sounder
TID	traveling ionospheric disturbance	TOW	tube-launched, optically tracked, wire-guided (missile)
TIDS	Terminal Information Display System	TP-4	transportation priority 4
TIF	tape information file	TPC	total percent clear
TIL	transformed inverted lists (AI)	TPF	tailored probability forecast
TIM	technical information meeting	TPFDD	time-phased force deployment document
TIM	technical interchange meeting	TPFDL	time-phased force deployment list
TIMS	thermal infrared multispectral scanner	TPG	test pattern generator
TINA	Truth in Negotiations Act	TPM	transient pulse monitor (FMDS)
TIP	Technical Information Panel (AGARD)	TPTRL	time-phased transportation requirements list
TIP	Technical Information Pilot (document) (DTIC)	TR	technical report
TIP	TIROS information processor	TR	Tacit Rainbow
TIPS	Typhoon Information Processing System (Navy--now JTWC-AP)	TQM	total quality management
TIR	terminal imaging radar	TR	transmit/receive
TIR	thermal infrared	TRAC	Technical Report Awareness Circular (DTIC)
TIROS	TV and Infrared Radiation Observation Satellite	TRACALS	traffic control and landing system
TIROS-N	third-generation TIROS (N for NOAA)	TRACE	Total Risk Assessing Cost Estimate
TIS	technical information specialist	TRACON	terminal radar approach control facility
TISS	Transionospheric Sensing System	TRADE	testing the reliability of automated data exchange
TJS	Tactical Jamming System (EF-111A)	TRADOC	Training and Doctrine Command (Army)
TKE	turbulent kinetic energy	TRAG	Toxic Release Assessment Group
TLA	Technical Library Accessions (bulletin)(AWS)	TRAIS	transportation reporting and inquiry system
TLAM-D	Tomahawk land attack missile--dispenser, subweapons	TRANSCOM	Transportation Command
TLAM-N	Tomahawk land attack missile--nuclear	TREE	transient radiation effects in electronics
TLAR	"That looks about right."	TRIGS	TR-1 ground station (TRS)
T-LAS	TDL Local Applications System (NWS)	TRIP	Thunderstorm Research International Program
TLV	threshold limit value	TRMM	Tropical Rainfall Measuring Mission (Experiment-U.S./Japan)
TM	technical memo	TRONEW	Tropical Cloud Forecasting Model (AFGWC)

T

TRP	transnormalized regression probability	TTUM	Target Tie-Up Model
TRS	Tactical Reconnaissance System	TTV	thermal training viewer
TRU	transformer/rectifier unit	TTY	teletype
TRW	Thompson-Ramo-Woolridge (contractor)	TUCHA	type unit data file
TRW	thunderstorm with rain, showers	TUOC	tactical unit operations center
TRY	test reference year	TUSLOG	The United States Logistic Group
TS	thermal smooth (DMSP imagery)	TUTT	Tropical Upper-Tropospheric Trough
TS	tropical storm	TVA	target value analysis
TSC	Transportations Systems Center	TVS	tornado vortex signature
TSCAP	Tropical Cyclone Ship Avoidance Program	TW/AA	Tactical Warning and Attack Assessment (system--NORAD)
TSCF	Targeting Systems Characterization Facility (AFWAL)	TWAC	tactical weather analysis center
TSD	temperature standard deviation	TWEB	transcribed weather broadcast
TSD	topdown structured design	TWEFS	Thunderstorm Weather Expert Forecast System
TSMD	time stress measurement device	TWG	technical working group
TSO	time-saving operations (IBM)	TWI	tactical weather intelligence
TSOE	time-sharing option/extension	TWL	tactical weather loop
TSR	telecommunications service request	TWO	tropical Weather Outlook
TT	Total Totals	TWR	tactical weather radar
TTC	Telemetry, Tracking, and Command	TWS	tactical weather system
TPP	Technical Translation Program	TWX	teletypewriter exchange
TTR	total time remaining	TY	typhoon
TTS	thermal tank sight	TYAN	Typhoon Analog Program
TTTS	tanker-transport training systems	TYFN	Western North Pacific component of TYAN

UAC	upper-air compendium	USA	United States Army
UADB	Upper-air Data Base	USACERL	U.S. Army Construction Research Laboratory
UAM	user alert message	USAEDS	U.S. Atomic Energy Detection System (AFTAC)
UARDR	upper-air reader	USAETL	U.S. Army Engineer Topographic Laboratory
UARS	unmanned air reconnaissance system	USAF	United States Air Force
UARS	Upper Atmosphere Research Satellite (NASA)	USAFA	USAF Academy
UART	universal asynchronous receiver-transmitter	USAFACENT	USAF Airlift Center
UAV	unmanned aerial vehicle	USAFAE	USAF Europe
UAV	unmanned air vehicle	USAFAETAC	USAF Environmental Technical Applications Center
UAVAL	upper-air validation	USAFOEHL	USAF Occupational and Environmental Health Laboratory
UAWS	USAREUR Automated Weather System	USAFTAWC	USAF Tactical Air Warfare Center
UCAR	University Consortium for Atmospheric Research	USAICS	U.S. Army Intelligence Center and School
UCLA	University of California, Los Angeles	USAIRAI	U.S. Air Attache
UCP	Unified Command Plan	USAIRLO	U.S. Air Liaison Officer
UCP	unit control position (WSR-88D)	USAMICOM	U.S. Army Missile Command
UCT	universal coordinated time	USAREUR	U.S. Army Europe
UD	updraft	USARMA	U.S. Army Attache
UDF	unducted fan	USARMLO	U.S. Army Liaison Officer
UDS	Universal Documentation System	USASCEC	U.S. Army Small Computer Engineering Center
UE	unit equipped	USASDC	U.S. Army Strategic Defense Command
UEI	unit effectiveness inspection	USATSCH	U.S. Army Transportation School
UGDF	uniform guided data field	USAWESTCOM	U.S. Army Western Command
UGS	unattended ground sensor	U.S.C.	United States Code
UH	users handbook	USCENTAF	U.S. Central Command Air Forces
UHF	ultrahigh frequency (300-3,000 MHz)	USCENTCOM	U.S. Central Command
UI	Upper-Level Instability (index)	USCG	U.S. Coast Guard
UIC	unit identification code	USCINCEUR	U.S. Commander in Chief European Command
UK	United Kingdom	USCINCSO	U.S. Commander in Chief Southern Command
UKAEA	UK Atomic Energy Authority	USDA	U.S. Department of Agriculture
UKAIR	UK Air Forces	USDAO	United States Defense Attache Office
UKMO	UK Meteorological Office	USE	unit supportability estimate
ULAC	upper-level anticyclone	USEUCOM	U.S. European Command
ULANA	Unified Local Area Network Architecture	USFJ	U.S. Forces Japan
ULCC	upper-level circulation center	USFK	U.S. Forces Korea
ULOSA	unit level open system architecture	USGS	U.S. Geological Survey
UM	unipolar magnetic	USMC	United States Marine Corps
UMBRELLA	Unified Measurement Blueprint for Rational Experiments Leading to Logical Analysis	USML	United States Munitions List
UMD	unit manning document	USMTF	United States Message Text Format (formerly JINTACCS)
UMMIPS	uniform materiel movement and issue priority system	USN	United States Navy
UMS	Universal Modem System	USNS	U.S. Naval Ship
UMT	Universal Mean Time	USREDCOM	U.S. Readiness Command
UN	United Nations	USRT	universal synchronous receiver/transmitter
UNAAF	Unified Action Armed Forces	USS	U.S. ship
UNAMAP	Applied Modeling of Air Pollution	USSOCOM	U.S. Special Operations Command
UNC	United Nations Command	USSOUTHCOM	U.S. Southern Command
UND	urgency of need designator	USSPACECOM	U.S. Space Command (Falcon AFS, CO)
UNDP	United Nations Development Programme	U.S.S.R.	Union of Soviet Socialist Republics
UNEP	United Nations Environmental Program	USSWO	Uniform Summary of Surface Weather Observations (predecessor of "RUSSWO")
Unesco	United Nations Educational, Scientific and Cultural Organization	USTS	UHF satellite terminal system
UNISYS™	merger of Univac/Burroughs	USTRANSCOM	United States Transportation Command
UNIVAC™	Universal Automatic Computer	UT	universal time (GMT)
UNT	undergraduate navigator training	UTASL	universal tracking and subpoint listing
UPF	unified planning forecast	UTC	unit type code
UPS	uninterruptible power supply	UTC	universal time coordinated
UPS	universal polar stereographic (projection)	UTE	utilization rate
UPT	undergraduate pilot training	UTFU	Army European Tactical Forecast Unit
URICA™	McDonnell Douglas's library management system	UTM	universal transverse mercator
URL	upper range limit	UTTAS	Utility Tactical Transport Aircraft System
URR	ultra-reliable radar	UTTR	Utah Test and Training Range
URSI	Union of Radio Science, International	UV	ultraviolet
US	user segment	UW	unconventional warfare
U _s	speed of sound	UW	University of Wisconsin
U.S.	United States		

U

UWOA.unconventional warfare operations area

UWSUnited Weather Service

Vac	volts alternating current	Vmo	maximum permitted operating flight speed
VAD	velocity azimuth display	VM/SP	Virtual Machine/System Product
VAMOSC... (AF) Visibility and Management of Operating & Support Costs (System)		VMC	visual meteorological conditions
VAN	value-added network	VMNT	vector movement (ddif)
VAR	vehicle anomaly report	VMS	Vehicle Management System
VAS	VISSR Atmospheric Sounder	VMTape TM	software product
VBLS	Vandenberg Boundary Layer Survey	Vne	velocity never to exceed
VCLOS	visible clear line-of-sight	VOR	VHF omnidirectional radio range
VCP	Voluntary Co-operation Programme(WMO)	VORTAC	VHF omnirange TACAN
Vdc	volts direct current	VPI	vertical profile information
VDT	video display terminal	VPK	State Committee for Science and Technology (U.S.S.R.)
VDU	video/visual display unit	VPP	Visibility Protection Program
VDV	Soviet Airborne Forces	VR	video recording
VERSATEC®	a computer plotter	VRS	Voice Response System
VFR	visual flight rules	VS	virtual storage
VGA	Video Graphics Array (IBM)	vs	versus
VGR	vertical gradient of refractivity	VS/ERI	vertical speed/energy rate indicator
VHF	very high frequency (30-300 MHz)	VSAM	virtual storage access method
VHLET	very high linear energy transfer	VSBY	visibility
VHRR	very-high-resolution radiometer	VSI	vertical speed indicator
VHSIC	very high-speed integrated circuit	V/STOL	vertical and short takeoff and landing
VI	vegetation index	VT	valid time
VI	vertical incidence	VT	Vertical Totals (index)
VIL	vertically integrated liquid	VTA	soviet military transport aviation
VIP	video imaging projectile	VTAM	virtual telecommunications access method
VIP	video integrator processor	VTOC	volume table of contents (CD-ROM)
VIR	visual and infrared radiometer	VTOL	vertical takeoff and landing
VIRGS	VISSR Image Registration and Gridding System	VTPR	vertical temperature profile radiometer
VIRS	Verbally Initiated Release System	VTPVAL	satellite validation
VISSR	Visible and Infrared Spin Scan Radiometer (GOES)	VUV	vacuum ultraviolet
VLAD	vertical line array directional (sonobuoy)	VVIP	very, very important parts
VLF	very low frequency (3-30 KHz)	VVI	vertical velocity indicator
VLSI	very large scale integrated (circuit)	VVS	Soviet Air Force
VM TM	Virtual Machine	VWE	vector wind errorly
VM	virtual memory		

W

W	westward component of the geomagnetic field	WII	weather impact indicator
w	watt	WIMS	worldwide intratheater mobility study
WA	weather advisory	WIN	WWMCCS intercomputer network
WAA	wartime aircraft activity	WINDS	Weather Information Network and Display System
WAAM	wide area antiaarmor munitions	WINDSAT	satellite-borne lidar device for measuring winds
WADOTC	Wind and Diffusion Over Complex Terrain	WIS	WWMCCS Information System
WAFS	World Area Forecast System	WISP	weather interoperability support plan
WAGS	World Acoustic Gravity Wave Study	WITS	World Ionosphere/Thermosphere Study
WAM	WWMCCS ADP modernization	WIST	(surface) weather history
WARC	World Administrative Radio Conference (ITU)	WL	Weapons Laboratory (formerly AFWL)
WARMFLUX	Upper Air Monthly Statistics (NCDC)	WMC	World Meteorological Center(WWW)
WASP	War Air Service Program	WMI	World Meteorological Interval
WATS	Wide Area Telecommunications Service	WMO	World Meteorological Organization
WAVE	wind, altimeter, and voice equipment	WMP	war and mobilization plan
Wb	weber	WMPO	Weather Modification Program Office (ERL)
WBGT	wet bulb globe temperature	WMS	World Magnetic Survey
WBMOD	wideband model	WMSC	weather message switching center
WBRR	Weather Bureau Remote Radar	WNINTEL	Warning Notice—Intelligence Sources and Methods Involved
WBRT	Weather Bureau Radio Theodolite	WNSO	Weather Nuclear Support Office
WCAP	WCP World Climate Applications Programme(WMO)	WOC	Wing Operations Center
WCDO	war consumable distribution objective	WOCE	World Ocean Circulation/Climatic Experiment
WCDP	WCP World Climate Data Programme(WMO)	WOCSS	Winds on Constant Streamline Surfaces
WCIP	WCP World Climate Impact Studies Programme(UNEP)	WOCSS	Winds Over Critical Streamline Surface
WCMS	Workload Control Management System	WOP	wing operations plan
WCP	weather communications processor	WORM	write once read many (CD-ROM)
WCP	World Climate Programme(WMO)	WOS	Weather Officer in Space
WCRP	World Climate Research Programme(WMO/ICSU)	WOSE	Weather Officer in Space Experiment
WCRS	West Coast Radar System	WOSP	weather operational support plan
WDC	World Data Center (WMO)	WOW	weight on wheels
WDC-A-R&S	World Data Center A for Rockets and Satellites (Goddard Space Flight Center)	WPD	weather point display
WDC-A-STP	World Data Center A for Solar-Terrestrial Physics (Colorado)	WPD	work project directive
WDC-B2	World Data Center B2 (Moscow)	WPGRP	war plans gross requirements report
WDC-C1	World data Center C1 for Solar-Terrestrial Physics (UK)	WPL	Wave Propagation Laboratory
WDC-C2	World Data Center C2 (Japan)	WPM	words per minute
WEASIM	a ceiling/visibility simulation model	WR	wet runway
WEAX	route weather forecast	WRDC	Wright Research and Development Center
week	week	WRF	waveform repetition frequency
WEFAX	weather facsimile	WRM	war reserve material
WER	weak echo region	WRP	Weather Research Program (ERL)
WES	waterways experiment station (Corps of Engineers)	WRS	weather reconnaissance squadron
WESS	WWMCCS Environmental Support System	WRSK	war readiness spares kit
WESTCOM	Western Command	WS	weather squadron
WESTPAC	Western (north) Pacific	WSC	wind sounding capability
WET	weather, enemy, terrain	WSCC	wind stratified conditional climatology
WETM	weather team	WSCMO	Weather Service Contract Meteorological Observatory (NWS)
WF	weather flight	WSE	weather support element
WF	wind factor	WSF	weather support force
WFC	Wallop Flight Center	WSFO	weather service forecast office (NWS)
WFC	World Food Council (UN)	WSFU	weather support forecast unit
WFMU	weather and fixed map unit	WSI	whole-sky imager, Weather Service International
WFOV	wide field of view	WSMC	Western Space and Missile Center
WFSC	weather facsimile switching center	WSMO	Weather Service Meteorological Observatory (NWS)
WFSM	wind factor simulation model	WSMO	Weather Service Meteorological Office
WG/DRMO	Working Group for Doppler Radar Meteorological Observations	WSMR	White Sands Missile Range
WGI	World Geophysical Interval	WSO	weather service office (NWS), weapon system officer
WHARM	Wind Height Adjustable Replacement Mast	WSO-AG	WSO-Agricultural (NWS)
WHO	World Health Organization	WSO-COE	WSO-Corps of Engineers (NWS)
WIBIS	(severe weather watch) will be issued	WSO-FOR	WSO-Forestry (NWS)
WICU	Weather Intercept Control Unit	WSO-FW	WSO-Fire Weather (NWS)
WID	Weekly Intelligence Digest	WSOM	Weather Service Operations Manual (NWS)
WIG	wing in ground effect	WSP	weather support plan
		WSPOD	Weather Storm Plan of the Day
		WSR	weather surveillance radar (NEXRAD is designated WSR-88D)

WSTP Weather Support Test Plan
WSU weather support unit
WTF Wisconsin Test Facility
WTO Warsaw Treaty Organization
WTR Western Test Range
WW weather warning, weather wing
WWA World Warning Agency
WWABNCP Worldwide Airborne Command Posts
WWAS Worldwide Airfield Summaries
WWB World Weather Building (Camp Springs, MD)

WWMCCS Worldwide Military Command and Control System
WWO wing weather officer
WWP World Weather Program
WWSI weather warning support index
WWSL Worldwide Weather Station List
WWV standard time/frequency radio station (call letters)
WWW World Weather Watch,(WMO)
WX weather
WXR Hydrologic Weather Wire Plot
WYSIWYG what you see is what you get--VDT presentation

X

X.....northward component of the geomagnetic field
x.....unknown quantity
XBT.....expendable bathythermograph (AXBT, airborne;
SSXBT, subsurface; TXBT, typical or surface)

XMACE.....extended military airlift capability estimator (MAC)

Y.....eastward component of the geomagnetic field

YPG.....Yuma Proving Grounds

Z

Zvertical component of the geomagnetic field
ZZulu time (GMT/UT)
Z-100TMZenith microcomputer
Z-150TMZenith microcomputer
Z-248TMZenith microcomputer
ZDzone distribution
ZDSZenith Data Systems

Z-DOSTMZenith disk operating system
ZDSZenith Data Systems
ZMzone marker
ZNDXDivisional Monthly Palmer "Z" Index (NCDC)
ZTzone time

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